

County of San Diego Community Profiles

North Coastal Region Profile by Subregional Area (SRA)

SUBREGIONAL AREAS:

Carlsbad
Oceanside
Pendleton
San Dieguito
Vista

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Acknowledgements

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INTRODUCTION

Introduction

Community Health Statistics

The Community Health Statistics unit was created to provide a means of sharing information about the health behaviors, diseases, injuries, and demographic characteristics of specific populations in San Diego County. This unit aims to supply health professionals with community level data describing the health trends and needs of the residents of our County. Community Health Statistics also provides or refers persons to available local, state and national statistics.

Purpose

This profile is a compilation of information made available to the public health community and public policy-makers to better understand and manage the health and well-being of the residents of our County.

The purpose of this profile is to provide detailed information about the health and characteristics of the people living in San Diego County. It is designed to help the Health and Human Services Agency staff in each of the Health and Human Services Regions (Regions) identify problems and priority needs within their communities.

Regional Data

Please see [Important Information](#) in the data guide section for explanation of geographic boundaries as well as information on methods used here, age adjusted rates, and notes on comparing data.

Navigating the Document

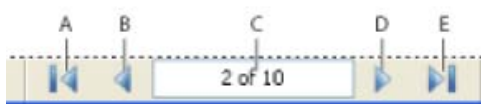
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There are also links outside the document for more information on a subject. These are underlined and require internet access. They may be identified by the pointing hand with a “w” for web access.

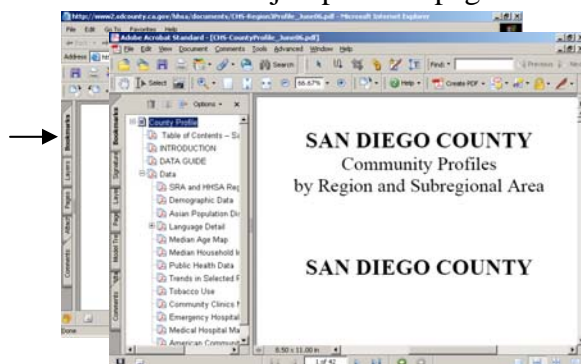
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- A- go to 1st page
- B- go back one page
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- D- go forward one page
- E- go to last page

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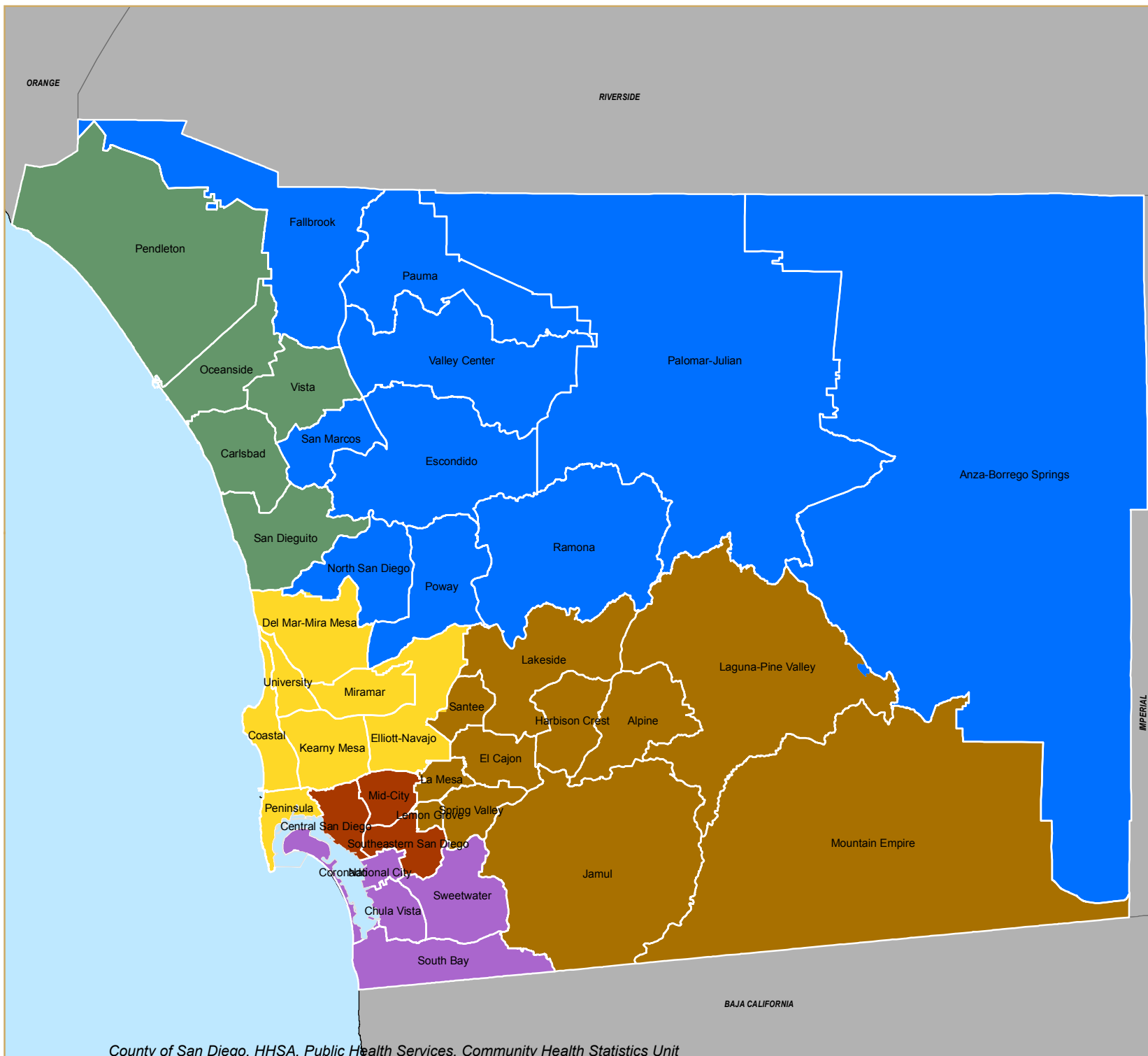
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San Diego County North Coastal Region Profile

Zip Codes Representing North Coastal Region	
SRA	Zip Codes
Carlsbad	92008
	92009
	92010
	92011
Oceanside	92054
	92056
	92057
	92058
Pendleton	92055
	92672
San Dieguito	92007
	92024
	92067
	92075
Vista	92081
	92083
	92084



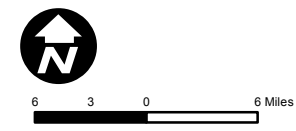
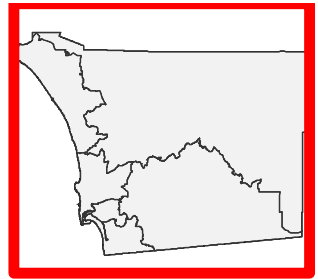
SRA and Regional Boundaries in San Diego County

□ SRA Boundary

Region

RegName

- Central
- East
- North Central
- North Coastal
- North Inland
- South

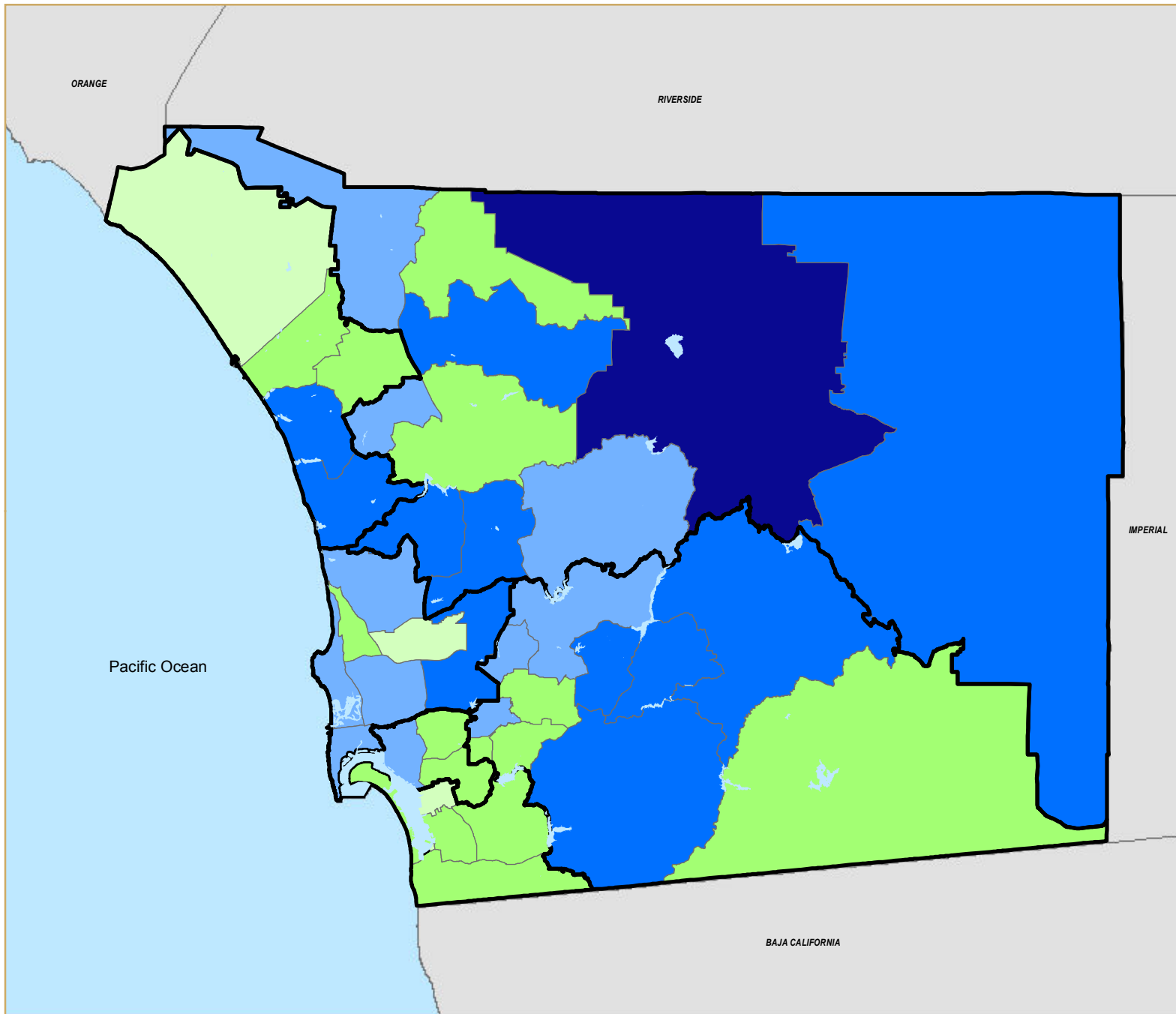


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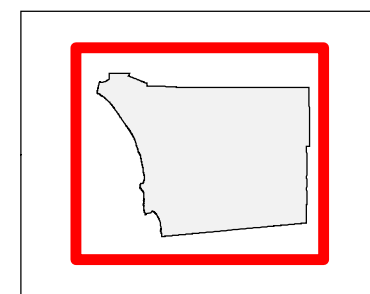
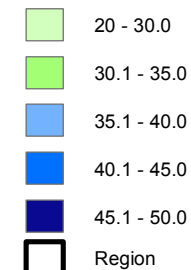
Maps Prepared by County of San Diego, HHSA, Emergency Medical Services, 619.285.6429.

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Median Age by Subregional Area (SRA) in San Diego County

Median Age by SRA, 2010 Estimates*



Map Date: 2011
Contact: Isabel Corcos or Leslie Ray,
County of San Diego Emergency Medical Services
619.285.6429

NAD_1983_StatePlane_California_VI_FIPS_0406_Feet,
D_North_American_1983_Feet

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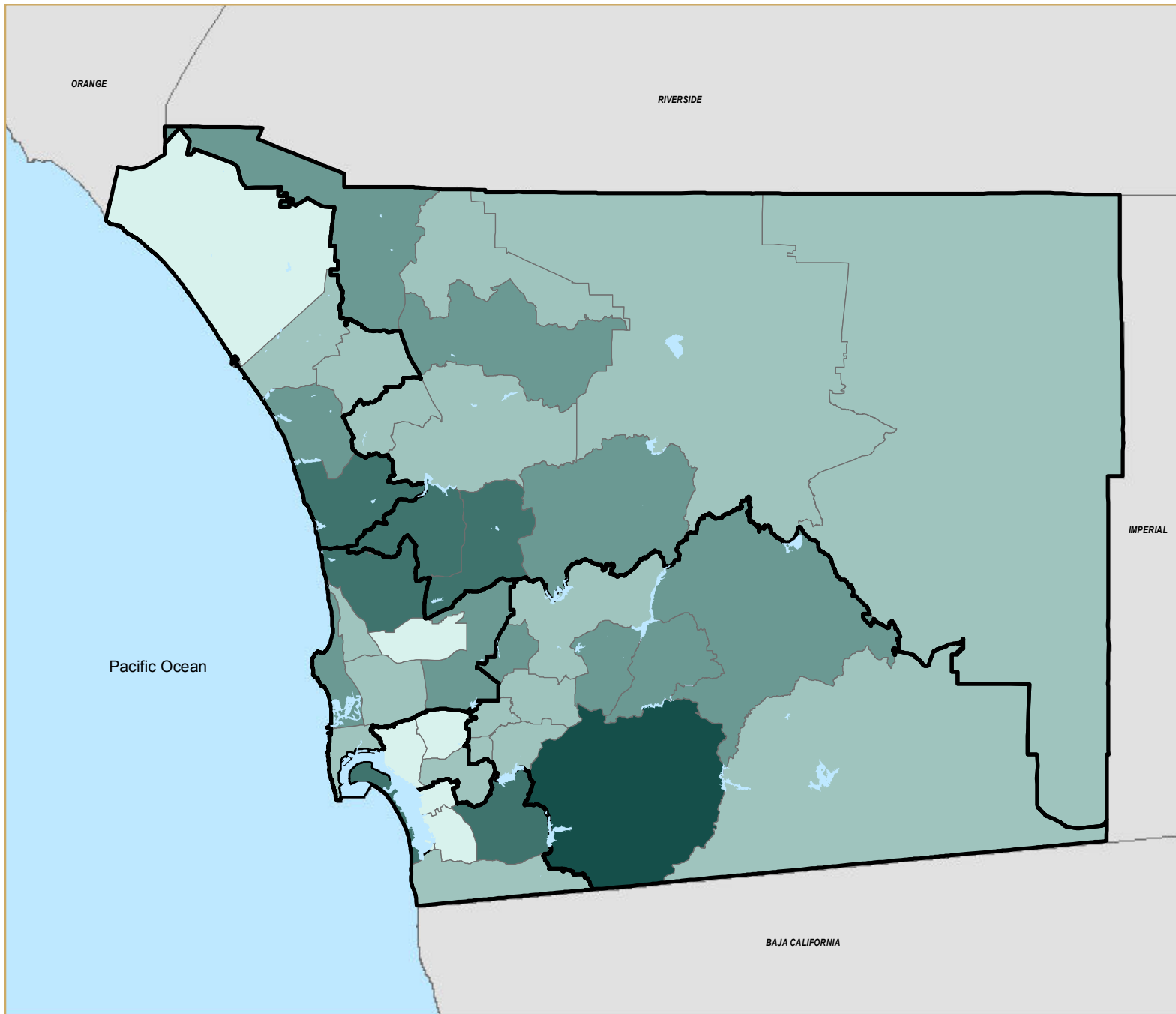
*Data source: Demographic estimates, San Diego Assn of Governments (SANDAG). Maps Prepared by County of San Diego, HHSA, PHS, Emergency Medical Services. Contact: Isabel Corcos or Leslie Ray, 619-285-6429

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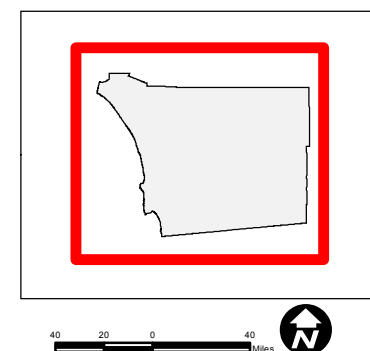
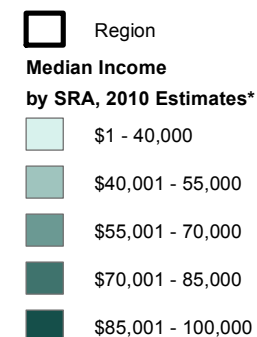
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SANDAG



Median Income by Subregional Area (SRA) in San Diego County



Map Date: 2011
Contact: Isabel Corcos or Leslie Ray,
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NAD_1983_StatePlane_California_VI_FIPS_0406_Feet,
D_North_American_1983_Feet

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*Data source: Demographic estimates, San Diego Assn of Governments (SANDAG). Maps Prepared by County of San Diego, HHSA, PHS, Emergency Medical Services. Contact: Isabel Corcos or Leslie Ray, 619-285-6429

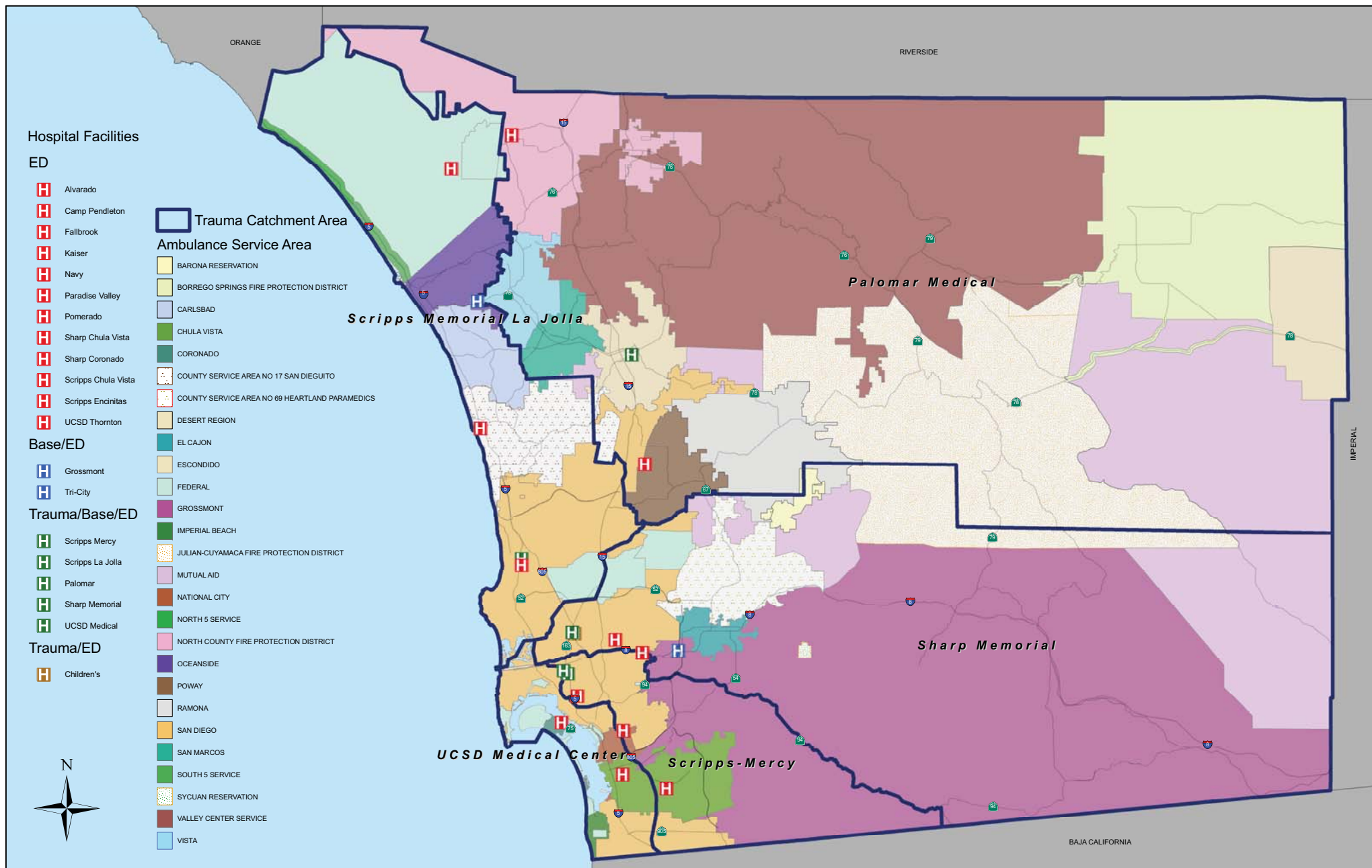
County of San Diego, HHSA, Public Health Services, Community Health Statistics Unit

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PUBLIC HEALTH SERVICES
COMMUNITY HEALTH STATISTICS UNIT

SANDAG

County of San Diego Medical Resources Hospitals, Trauma Catchment Areas, and Ambulance Service Areas



San Diego County Subregional Area Profiles (2000-2009)

San Diego County

Indicator	2000		2001		2002		2003		2004	
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*
Coronary Heart Disease Deaths†	4,552	161.8	4,512	157.6	4,247	145.4	4,180	140.7	4,019	133.4
Coronary Heart Disease Hospitalizations†	14,512	515.7	14,184	495.3	14,176	485.5	13,254	446.0	12,471	413.9
Coronary Heart Disease ED Discharges†										
Stroke Deaths†	1,578	56.1	1,616	56.4	1,459	50.0	1,521	51.2	1,423	47.2
Stroke Hospitalizations†	7,484	266.0	7,267	253.8	6,938	237.6	6,776	228.0	6,339	210.4
Stroke ED Discharges†										
Diabetes Deaths†	481	17.1	491	17.1	475	16.3	499	16.8	531	17.6
Diabetes Hospitalizations†	2,949	104.8	2,883	100.7	3,041	104.1	3,166	106.5	3,245	107.7
Diabetes ED Discharges†										
Asthma Deaths†	36	1.3	44	1.5	32	1.1	31	1.0	24	0.8
Asthma Hospitalizations†	2,463	87.5	2,418	84.4	2,416	82.7	2,619	88.1	2,263	75.1
Asthma ED Discharges†										
Chronic Obstructive Pulmonary Disease (COPD) Deaths†	1,028	36.5	1,133	39.6	965	33.0	1,020	34.3	1,022	33.9
COPD Hospitalizations†	3,692	131.2	3,662	127.9	3,445	118.0	3,295	110.9	2,954	98.0
COPD ED Discharges†										
All Cancer Deaths†	4,724	167.9	4,666	162.9	4,584	157.0	4,715	158.7	4,631	153.7
Prostate Cancer Deaths (among males)†	292	20.6	287	20.0	274	18.8	312	21.0	268	17.8
Cervical Cancer Deaths (among females)†	34	2.4	46	3.2	27	1.9	27	1.8	27	1.8
Female Breast Cancer Deaths (among females)†	415	29.7	373	26.1	407	27.9	362	24.4	350	23.2
Colorectal Cancer Deaths†	444	15.8	431	15.1	431	14.8	423	14.2	434	14.4
Lung Cancer Deaths†	1,248	44.4	1,228	42.9	1,148	39.3	1,147	38.6	1,187	39.4
Arthritis Hospitalizations†	6,354	225.8	6,756	235.9	6,925	237.2	7,333	246.8	7,583	251.7
Arthritis ED Discharges†										
Dorsopathies Hospitalizations†	4,327	153.8	4,898	171.0	4,994	171.0	4,817	162.1	4,990	165.6
Dorsopathies ED Discharges†										
Tuberculosis Incidence†	295	10.5	331	11.6	326	11.2	316	10.6	320	10.6
Chronic Hepatitis C Reported†	3,323	118.1	3,448	120.4	3,044	104.2	2,719	91.5	3,323	110.3
Chlamydia Reported, Underestimate††	8,637	306.9	9,168	320.2	10,225	350.2	10,249	344.9	10,822	359.2
Gonorrhea Reported, Underestimate††	1,797	63.9	1,875	65.5	2,128	72.9	1,972	66.4	2,376	78.9
Primary and Secondary Syphilis Reported†	27	1.0	27	0.9	38	1.3	109	3.7	136	4.5
Live Births†, % of County's Births	44,272	100.0%	43,758	100.0%	43,951	100.0%	45,368	100.0%	45,758	100.0%
Live Births to Girls, Ages 15-17†, % of County's births	1,321	3.0%	1,223	2.8%	1,155	2.6%	1,131	2.5%	1,163	2.5%
Live Births with Early Prenatal Care†, % of Known Prenatal Care	36,085	83.2%	36,120	84.7%	37,495	86.8%	39,045	87.8%	39,284	87.7%
Live Births born Preterm†, % of County's births	4,392	10.6%	4,356	10.6%	4,390	10.6%	4,440	10.3%	4,756	11.0%
Low Birth Weight Births†, % of County's births	2,668	6.0%	2,644	6.0%	2,682	6.1%	2,782	6.1%	2,953	6.5%
Very Low Birth Weight Births†, % of County's births	561	1.3%	520	1.2%	476	1.1%	509	1.1%	543	1.2%
Fetal Mortality†, Rate per 1,000 live births & fetal deaths	228	5.1	213	4.8	207	4.7	210	4.6	224	4.9
Infant Mortality†, Rate per 1,000 live births	263	5.9	246	5.6	197	4.5	210	4.6	246	5.4
Unintentional Injury Deaths†	729	25.9	717	25.0	790	27.1	807	27.2	863	28.6
Unintentional Injury Hospitalizations†	18,039	641.1	18,236	636.8	19,037	651.9	19,528	657.1	19,172	636.3
Unintentional Injury ED Discharges†										
Fall-related Deaths†	128	4.5	107	3.7	134	4.6	144	4.8	137	4.5
Fall-related Hospitalizations†	8,556	304.1	8,360	269.1	8,955	202.0	8,986	196.5	9,045	196.0
Fall-related ED Discharges†										
Overdose/Poisoning Deaths†	273	9.7	247	8.6	279	9.6	306	10.3	315	10.5
Overdose/Poisoning Hospitalizations†	2,294	81.5	2,389	83.4	2,291	78.5	2,098	70.6	2,158	71.6
Overdose/Poisoning ED Discharges†										
Deaths due to Motor Vehicle (MV) Injury†	206	7.3	287	10.0	308	10.5	291	9.8	321	10.7
Hospitalizations due to MV Injury†	3,318	117.9	3,187	111.3	3,443	117.9	3,443	115.9	3,363	111.6
ED Discharges due to MV Injury†										
Motor Vehicle Crash Injuries†	23,660	840.8	24,115	842.1	24,739	847.2	24,570	826.8	24,875	825.6
Alcohol-involved MVC Injuries†	2,822	100.3	3,058	106.8	3,035	103.9	3,167	106.6	3,256	108.1
Drinking Drivers Involved in MV Crashes†	1,781	63.3	1,993	69.6	1,977	67.7	1,972	66.4	2,098	69.6
Active Restraint Use, % of MVO Injured, Ages 6+ †	15,748	84.2%	15,960	83.3%	15,984	82.2%	15,886	82.2%	16,269	87.7%
Child Restraint Use, % of MVO Injured, Ages 0-5 †	164	40.8%	158	40.0%	225	58.7%	202	56.9%	182	57.1%
Pedestrian Deaths due to MVC†	51	1.8	60	2.1	80	2.7	63	2.1	56	1.9
Pedestrian Hospitalizations due to MVC†	381	13.5	377	13.2	415	14.2	392	13.2	378	12.5
Pedestrian ED Discharges due to MVC†										
Pedestrian Injuries due to MVC†	1,153	41.0	1,172	40.9	1,190	40.8	1,112	37.4	1,197	39.7
Homicide†	96	3.4	99	3.5	96	3.3	136	4.6	138	4.6
Assault Hospitalizations†	1,207	42.9	1,262	44.1	1,257	43.0	1,469	49.4	1,514	50.2
Assault Injury ED Discharges†										
Suicide†	333	11.8	314	11.0	308	10.5	326	11.0	311	10.3
Self-Inflicted Hospitalizations†	1,670	59.3	1,895	66.2	1,824	62.5	1,666	56.1	1,577	52.3
Self-Inflicted Injury ED Discharges†										
Firearm-related Deaths†	202	7.2	217	7.6	195	6.7	248	8.3	213	7.1
Firearm-related Hospitalizations†	174	6.2	221	7.7	204	7.0	230	7.7	288	9.6
Firearm-related ED Discharges†										
Dental-related ED Discharges†										

* Rates per 100,000 population, unless otherwise noted. See Data Guide: Glossary for specific information or Important Information for Data Users for general information on rates.

† For disease definitions see Glossary in Data Guide.

‡ Rates and percents not calculated for fewer than 5 events.

§ Underestimate due to cases with unknown residence. There are approximately 30% of cases, 2500 chlamydia and 600 gonorrhea cases per year, missing residence data.

Source: CoSD, HHSA; SANDAG, Current Population Estimates, 10/2010. See Data Sources in Data Guide for specific information.

Prepared by: County of San Diego (CoSD), Health & Human Services Agency (HHSA), Community Health Statistics, 12/8/2011.

San Diego County Subregional Area Profiles (2000-2009)

San Diego County										
Indicator	2005		2006		2007		2008		2009	
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*
Coronary Heart Disease Deaths†	3,767	123.9	3,537	115.4	3,489	112.5	3,496	111.1	3,415	107.2
Coronary Heart Disease Hospitalizations†	12,055	396.6	11,075	361.3	10,514	339.1	9,973	317.0	10,129	318.0
Coronary Heart Disease ED Discharges†			897	29.3	790	25.5	827	26.3	784	24.6
Stroke Deaths†	1,218	40.1	1,147	37.4	1,122	36.2	1,121	35.6	1,080	33.9
Stroke Hospitalizations†	6,393	210.3	6,435	209.9	6,432	207.5	6,488	206.2	6,734	211.4
Stroke ED Discharges†			1,288	42.0	1,350	43.5	1,321	42.0	1,306	41.0
Diabetes Deaths†	604	19.9	612	20.0	520	16.8	571	18.1	555	17.4
Diabetes Hospitalizations†	3,406	112.1	3,729	121.7	3,986	128.6	3,972	126.2	4,029	126.5
Diabetes ED Discharges†			4,179	136.3	4,269	137.7	4,302	136.7	4,228	132.7
Asthma Deaths†	41	1.3	35	1.1	30	1.0	38	1.2	22	0.7
Asthma Hospitalizations†	2,087	68.7	1,898	61.9	2,091	67.4	2,267	72.1	2,433	76.4
Asthma ED Discharges†			9,217	300.7	9,573	308.8	9,251	294.0	9,779	307.0
Chronic Obstructive Pulmonary Disease (COPD) Deaths†	1,066	35.1	998	32.6	973	31.4	992	31.5	916	28.8
COPD Hospitalizations†	2,908	95.7	2,752	89.8	2,997	96.7	3,468	110.2	3,341	104.9
COPD ED Discharges†			5,482	178.9	5,777	186.3	7,135	226.8	8,009	251.4
All Cancer Deaths†	4,664	153.5	4,638	151.3	4,812	155.2	4,715	149.9	4,734	148.6
Prostate Cancer Deaths (among males)†	292	19.2	284	18.6	273	17.7	272	17.3	291	18.3
Cervical Cancer Deaths (among females)†	35	2.3	34	2.2	31	2.0	22	1.4	34	2.1
Female Breast Cancer Deaths (among females)†	361	23.8	361	23.5	332	21.3	363	23.0	406	25.4
Colorectal Cancer Deaths†	420	13.8	448	14.6	442	14.3	385	12.2	430	13.5
Lung Cancer Deaths†	1,112	36.6	1,050	34.3	1,146	37.0	1,136	36.1	1,105	34.7
Arthritis Hospitalizations†	7,785	256.1	8,048	262.6	8,614	277.9	8,811	280.0	8,997	282.4
Arthritis ED Discharges†			11,976	390.7	11,823	381.4	12,526	398.1	12,916	405.5
Dorsopathies Hospitalizations†	4,835	159.1	4,846	158.1	4,986	160.8	5,009	159.2	5,000	157.0
Dorsopathies ED Discharges†			17,137	559.1	16,652	537.1	17,411	553.4	18,551	582.4
Tuberculosis Incidence†	305	10.0	315	10.3	280	9.0	264	8.4	223	7.0
Chronic Hepatitis C Reported†	3,533	116.2	3,990	130.2	4,187	135.1	3,585	113.9	4,540	142.5
Chlamydia Reported, Underestimate††	11,001	362.0	11,980	390.0	12,688	409.3	14,065	447.0	14,233	446.8
Gonorrhea Reported, Underestimate††	2,606	85.7	2,766	90.2	2,384	76.9	2,017	64.1	1,838	57.7
Primary and Secondary Syphilis Reported†	193	6.4	232	7.6	346	11.2	345	11.0	263	8.3
Live Births†, % of County's Births	45,897	100.0%	46,876	100.0%	47,545	100.0%	46,742	100.0%	44,960	100.0%
Live Births to Girls, Ages 15-17†, % of County's births	1,225	2.7%	1,203	2.6%	1,226	2.6%	1,241	2.7%	1,058	2.4%
Live Births with Early Prenatal Care†, % of Known Prenatal Care	39,302	87.2%	39,745	86.0%	39,044	82.6%	37,862	81.3%	36,831	82.0%
Live Births born Preterm†, % of County's births	4,974	11.3%	4,898	10.8%	5,055	10.8%	4,589	10.0%	4,420	9.9%
Low Birth Weight Births†, % of County's births	3,091	6.7%	3,079	6.6%	3,285	6.9%	3,092	6.6%	2,991	6.7%
Very Low Birth Weight Births†, % of County's births	559	1.2%	558	1.2%	554	1.2%	525	1.1%	486	1.1%
Fetal Mortality†, Rate per 1,000 live births & fetal deaths	233	5.1	237	5.0	193	4.0	202	4.3	177	3.9
Infant Mortality†, Rate per 1,000 live births	230	5.0	215	4.6	242	5.1	228	4.9	199	4.4
Unintentional Injury Deaths†	868	28.6	924	30.1	995	32.1	932	29.6	949	29.8
Unintentional Injury Hospitalizations†	19,381	637.7	19,635	640.6	19,766	637.6	20,850	662.7	21,149	663.9
Unintentional Injury ED Discharges†			149,394	4,874.1	148,072	4,776.3	149,900	4,764.4	149,437	4,691.2
Fall-related Deaths†	170	5.6	186	6.1	236	7.6	227	7.2	231	7.3
Fall-related Hospitalizations†	9,347	200.9	9,305	303.6	9,563	308.5	10,548	335.3	10,734	337.0
Fall-related ED Discharges†			46,582	1,519.8	47,516	1,532.7	50,466	1,604.0	52,581	1,650.7
Overdose/Poisoning Deaths†	302	9.9	324	10.6	395	12.7	406	12.9	409	12.8
Overdose/Poisoning Hospitalizations†	2,064	67.9	2,022	66.0	2,143	69.1	2,306	73.3	2,365	74.2
Overdose/Poisoning ED Discharges†			4,265	139.1	4,396	141.8	4,751	151.0	4,677	146.8
Deaths due to Motor Vehicle (MV) Injury†	309	10.2	317	10.3	316	10.2	262	8.3	242	7.6
Hospitalizations due to MV Injury†	3,198	105.2	3,297	107.6	3,091	99.7	2,986	94.9	2,676	84.0
ED Discharges due to MV Injury†			17,478	570.2	17,324	558.8	16,094	511.1	16,010	502.6
Motor Vehicle Crash Injuries†	23,503	773.3	21,943	715.9	21,159	682.5	19,314	613.9	18,459	579.5
Alcohol-involved MVC Injuries†	2,931	96.4	3,171	103.5	3,085	99.5	3,046	96.8	2,509	78.8
Drinking Drivers Involved in MV Crashes†	2,011	66.2	2,051	66.9	2,063	66.5	1,976	62.8	1,685	52.9
Active Restraint Use, % of MVO Injured, Ages 6+ †	15,799	86.2%	13,492	89.6%	11,997	91.0%	11,189	91.2%	10,989	92.7%
Child Restraint Use, % of MVO Injured, Ages 0-5 †	169	59.1%	141	65.3%	133	58.8%	122	56.2%	135	67.2%
Pedestrian Deaths due to MVC†	47	1.5	62	2.0	61	2.0	49	1.6	59	1.9
Pedestrian Hospitalizations due to MVC†	373	12.3	349	11.4	365	11.8	344	10.9	348	10.9
Pedestrian ED Discharges due to MVC†			898	29.3	1,025	33.1	943	30.0	963	30.2
Pedestrian Injuries due to MVC†	1,068	35.1	1,052	34.3	1,192	38.4	1,102	35.0	1,054	33.1
Homicide†	109	3.6	136	4.4	119	3.8	98	3.1	90	2.8
Assault Hospitalizations†	1,513	49.8	1,562	51.0	1,652	53.3	1,619	51.5	1,644	51.6
Assault Injury ED Discharges†			7,832	255.5	8,030	259.0	7,998	254.2	8,188	257.0
Suicide†	297	9.8	290	9.5	358	11.5	359	11.4	365	11.5
Self-Inflicted Hospitalizations†	1,424	46.9	1,262	41.2	1,316	42.4	1,374	43.7	1,590	49.9
Self-Inflicted Injury ED Discharges†			1,929	62.9	2,138	69.0	2,458	78.1	2,435	76.4
Firearm-related Deaths†	205	6.7	202	6.6	218	7.0	188	6.0	200	6.3
Firearm-related Hospitalizations†	244	8.0	245	8.0	241	7.8	202	6.4	186	5.8
Firearm-related ED Discharges†			204	6.7	262	8.5	246	7.8	211	6.6
Dental-related ED Discharges†			3,525	115.0	4,065	131.1	4,211	133.8	4,535	142.4

* Rates per 100,000 population, unless otherwise noted. See Data Guide: Glossary for specific information or Important Information for Data Users for general information on rates.

† For disease definitions see Glossary in Data Guide.

‡ Rates and percents not calculated for fewer than 5 events.

§ Underestimate due to cases with unknown residence. There are approximately 30% of ccases, 2500 chlamydia and 600 gonorrhea cases per year, missing residence data.

Source: CoSD, HHSA; SANDAG, Current Population Estimates,10/2010. See Data Sources in Data Guide for specific information.

Prepared by: County of San Diego (CoSD), Health & Human Services Agency (HHSA), Community Health Statistics,12/8/2011.

San Diego County Subregional Area Profiles (2000-2009)

North Coastal Region

Indicator	2000		2001		2002		2003		2004	
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*
Coronary Heart Disease Deaths†	658	143.1	693	148.3	673	139.3	671	137.3	630	126.9
Coronary Heart Disease Hospitalizations†	2,157	469.0	2,082	445.5	2,078	430.3	1,974	403.9	1,723	347.0
Coronary Heart Disease ED Discharges†										
Stroke Deaths†	218	47.4	219	46.9	246	50.9	217	44.4	251	50.5
Stroke Hospitalizations†	1,127	245.1	979	209.5	1,050	217.4	1,011	206.9	917	184.7
Stroke ED Discharges†										
Diabetes Deaths†	60	13.0	48	10.3	80	16.6	72	14.7	63	12.7
Diabetes Hospitalizations†	319	69.4	356	76.2	317	65.6	350	71.6	358	72.1
Diabetes ED Discharges†										
Asthma Deaths†	5	1.1	5	1.1	6	1.2	5	1.0	5	1.0
Asthma Hospitalizations†	234	50.9	273	58.4	255	52.8	253	51.8	243	48.9
Asthma ED Discharges†										
Chronic Obstructive Pulmonary Disease (COPD) Deaths†	186	40.4	205	43.9	179	37.1	193	39.5	158	31.8
COPD Hospitalizations†	445	96.8	479	102.5	358	74.1	348	71.2	339	68.3
COPD ED Discharges†										
All Cancer Deaths†	782	170.0	767	164.1	751	155.5	712	145.7	734	147.8
Prostate Cancer Deaths (among males)†	46	19.5	59	24.9	47	19.1	46	18.5	45	17.9
Cervical Cancer Deaths (among females)†	<5	§	9	3.9	<5	§	5	2.1	<5	§
Female Breast Cancer Deaths (among females)†	57	25.4	59	25.6	62	26.2	54	22.4	66	26.9
Colorectal Cancer Deaths†	80	17.4	75	16.0	63	13.0	58	11.9	63	12.7
Lung Cancer Deaths†	183	39.8	193	41.3	168	34.8	185	37.9	190	38.3
Arthritis Hospitalizations†	1,057	229.8	1,157	247.0	1,150	238.1	1,199	245.3	1,272	256.2
Arthritis ED Discharges†										
Dorsopathies Hospitalizations†	698	151.8	802	171.6	816	169.0	761	155.7	805	162.1
Dorsopathies ED Discharges†										
Tuberculosis Incidence†	25	5.4	26	5.6	26	5.4	32	6.5	23	4.6
Chronic Hepatitis C Reported†	351	76.3	341	73.0	341	70.6	247	50.5	290	58.4
Chlamydia Reported, Underestimate††	807	175.5	887	189.8	1,030	213.3	1,034	211.6	897	180.6
Gonorrhea Reported, Underestimate††	86	18.7	110	23.5	102	21.1	121	24.8	102	20.5
Primary and Secondary Syphilis Reported†	6	1.3	<5	§	<5	§	<5	§	7	1.4
Live Births†, % of County's Births	7,501	16.9%	7,347	16.8%	7,459	17.0%	7,550	16.6%	7,606	16.6%
Live Births to Girls, Ages 15-17†, % of Region's births	202	2.7%	183	2.5%	169	2.3%	186	2.5%	159	2.1%
Live Births with Early Prenatal Care†, % of Known Prenatal Care	5,722	81.4%	5,894	84.8%	6,231	85.0%	6,245	84.7%	6,057	82.7%
Live Births born Preterm†, % of Region's births	695	10.1%	665	9.9%	742	10.7%	659	9.3%	753	10.6%
Low Birth Weight Births†, % of Region's births	431	5.7%	428	5.8%	447	6.0%	433	5.7%	491	6.5%
Very Low Birth Weight Births†, % of Region's births	86	1.1%	80	1.1%	75	1.0%	63	0.8%	90	1.2%
Fetal Mortality†, Rate per 1,000 live births & fetal deaths	40	5.3	38	5.1	36	4.8	35	4.6	41	5.4
Infant Mortality†, Rate per 1,000 live births	38	5.1	39	5.3	30	4.0	34	4.5	42	5.5
Unintentional Injury Deaths†	99	21.5	126	27.0	122	25.3	112	22.9	140	28.2
Unintentional Injury Hospitalizations†	2,449	532.5	2,567	549.3	2,758	571.0	2,840	581.1	2,859	575.8
Unintentional Injury ED Discharges†										
Fall-related Deaths†	25	5.4	10	2.1	15	3.1	24	4.9	20	4.0
Fall-related Hospitalizations†	1,251	272.3	1,263	242.9	1,386	190.9	1,348	184.6	1,473	193.1
Fall-related ED Discharges†										
Overdose/Poisoning Deaths†	31	6.7	37	7.9	31	6.4	37	7.6	43	8.7
Overdose/Poisoning Hospitalizations†	269	58.5	262	56.1	263	54.5	248	50.7	261	52.6
Overdose/Poisoning ED Discharges†										
Deaths due to Motor Vehicle (MV) Injury†	29	6.3	68	14.6	53	11.0	51	10.4	64	12.9
Hospitalizations due to MV Injury†	427	92.9	454	97.1	452	93.6	468	95.8	479	96.5
ED Discharges due to MV Injury†										
Motor Vehicle Crash Injuries†	3,127	680.0	3,395	726.5	3,669	759.7	3,597	736.0	3,572	719.3
Alcohol-involved MVC Injuries†	396	86.1	483	103.4	523	108.3	507	103.7	555	111.8
Drinking Drivers Involved in MV Crashes†	254	55.2	299	64.0	320	66.3	305	62.4	344	69.3
Active Restraint Use, % of MVO Injured, Ages 6+ †	2,181	86.4%	2,288	85.2%	2,473	84.5%	2,369	83.0%	2,352	87.8%
Child Restraint Use, % of MVO Injured, Ages 0-5 †	22	48.9%	21	36.8%	37	69.8%	24	55.8%	19	52.8%
Pedestrian Deaths due to MVC†	5	1.1	7	1.5	8	1.7	8	1.6	13	2.6
Pedestrian Hospitalizations due to MVC†	49	10.7	47	10.1	49	10.1	57	11.7	43	8.7
Pedestrian ED Discharges due to MVC†										
Pedestrian Injuries due to MVC†	129	28.1	130	27.8	138	28.6	135	27.6	148	29.8
Homicide†	10	2.2	13	2.8	12	2.5	12	2.5	14	2.8
Assault Hospitalizations†	105	22.8	114	24.4	149	30.9	153	31.3	162	32.6
Assault Injury ED Discharges†										
Suicide†	48	10.4	45	9.6	47	9.7	44	9.0	44	8.9
Self-Inflicted Hospitalizations†	213	46.3	224	47.9	231	47.8	210	43.0	219	44.1
Self-Inflicted Injury ED Discharges†										
Firearm-related Deaths†	29	6.3	31	6.6	27	5.6	31	6.3	33	6.6
Firearm-related Hospitalizations†	17	3.7	20	4.3	28	5.8	26	5.3	32	6.4
Firearm-related ED Discharges†										
Dental-related ED Discharges†										

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† For disease definitions see Glossary in Data Guide.

§ Rates and percents not calculated for fewer than 5 events.

† Underestimate due to cases with unknown residence. There are approximately 30% of cases, 2500 chlamydia and 600 gonorrhea cases per year, missing residence data.

Source: CoSD, HHSA, SANDAG, Current Population Estimates, 10/2010. See Data Sources in Data Guide for specific information.

Prepared by: County of San Diego (CoSD), Health & Human Services Agency (HHSA), Community Health Statistics, 12/8/2011.

San Diego County Subregional Area Profiles (2000-2009)

North Coastal Region										
Indicator	2005		2006		2007		2008		2009	
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*
Coronary Heart Disease Deaths†	610	122.7	589	115.0	564	108.9	594	112.5	552	102.8
Coronary Heart Disease Hospitalizations†	1,659	333.6	1,492	291.4	1,403	270.8	1,365	258.5	1,488	277.1
Coronary Heart Disease ED Discharges†			158	30.9	140	27.0	119	22.5	150	27.9
Stroke Deaths†	184	37.0	169	33.0	189	36.5	207	39.2	171	31.8
Stroke Hospitalizations†	893	179.6	970	189.4	880	169.9	920	174.2	990	184.3
Stroke ED Discharges†			329	64.3	308	59.5	243	46.0	268	49.9
Diabetes Deaths†	89	17.9	75	14.6	66	12.7	72	13.6	67	12.5
Diabetes Hospitalizations†	397	79.8	401	78.3	450	86.9	416	78.8	438	81.6
Diabetes ED Discharges†			469	91.6	554	106.9	530	100.4	545	101.5
Asthma Deaths†	7	1.4	6	1.2	7	1.4	7	1.3	<5	\$
Asthma Hospitalizations†	173	34.8	187	36.5	228	44.0	204	38.6	249	46.4
Asthma ED Discharges†			871	170.1	996	192.3	924	175.0	1,007	187.5
Chronic Obstructive Pulmonary Disease (COPD) Deaths†	203	40.8	148	28.9	180	34.7	158	29.9	171	31.8
COPD Hospitalizations†	343	69.0	333	65.0	360	69.5	454	86.0	449	83.6
COPD ED Discharges†			483	94.3	672	129.7	1,220	231.0	1,250	232.7
All Cancer Deaths†	750	150.8	740	144.5	806	155.6	740	140.1	750	139.6
Prostate Cancer Deaths (among males)†	56	22.2	48	18.3	45	17.0	52	19.2	44	15.9
Cervical Cancer Deaths (among females)†	5	2.0	<5	\$	6	2.4	<5	\$	<5	\$
Female Breast Cancer Deaths (among females)†	45	18.3	54	21.6	57	22.5	55	21.4	69	26.5
Colorectal Cancer Deaths†	80	16.1	86	16.8	67	12.9	68	12.9	68	12.7
Lung Cancer Deaths†	177	35.6	150	29.3	197	38.0	175	33.1	164	30.5
Arthritis Hospitalizations†	1,255	252.3	1,383	270.1	1,440	278.0	1,475	279.3	1,510	281.2
Arthritis ED Discharges†			1,416	276.6	1,429	275.8	1,506	285.2	1,361	253.4
Dorsopathies Hospitalizations†	824	165.7	809	158.0	852	164.5	828	156.8	814	151.6
Dorsopathies ED Discharges†			1,961	383.0	2,016	389.1	2,142	405.6	2,248	418.6
Tuberculosis Incidence†	30	6.0	19	3.7	26	5.0	23	4.4	13	2.4
Chronic Hepatitis C Reported†	352	70.8	388	75.8	406	78.4	436	82.6	317	59.0
Chlamydia Reported, Underestimate††	1,042	209.5	1,025	200.2	1,113	214.8	1,336	253.0	1,528	284.5
Gonorrhea Reported, Underestimate††	132	26.5	149	29.1	126	24.3	108	20.5	124	23.1
Primary and Secondary Syphilis Reported†	<5	\$	15	2.9	17	3.3	16	3.0	9	1.7
Live Births†, % of County's Births	7,413	16.2%	7,775	16.6%	7,840	16.5%	7,602	16.3%	7,325	16.3%
Live Births to Girls, Ages 15-17†, % of Region's births	183	2.5%	166	2.1%	194	2.5%	169	2.2%	146	2.0%
Live Births with Early Prenatal Care†, % of Known Prenatal Care	5,949	83.3%	6,219	80.9%	6,002	76.9%	5,911	78.1%	5,925	80.9%
Live Births born Preterm†, % of Region's births	741	10.6%	805	10.7%	774	10.1%	685	9.2%	648	9.0%
Low Birth Weight Births†, % of Region's births	439	5.9%	487	6.3%	510	6.5%	485	6.4%	455	6.2%
Very Low Birth Weight Births†, % of Region's births	90	1.2%	92	1.2%	74	0.9%	104	1.4%	83	1.1%
Fetal Mortality†, Rate per 1,000 live births & fetal deaths	39	5.2	34	4.4	23	2.9	37	4.8	29	3.9
Infant Mortality†, Rate per 1,000 live births	40	5.4	41	5.3	41	5.2	29	3.8	30	4.1
Unintentional Injury Deaths†	146	29.4	140	27.3	159	30.7	129	24.4	148	27.6
Unintentional Injury Hospitalizations†	2,805	564.0	2,886	563.6	2,740	528.9	2,839	537.6	2,908	541.5
Unintentional Injury ED Discharges†			21,372	4,174.1	21,256	4,103.0	21,374	4,047.4	21,499	4,003.1
Fall-related Deaths†	28	5.6	34	6.7	41	7.9	29	5.5	35	6.5
Fall-related Hospitalizations†	1,477	191.2	1,484	289.8	1,416	273.3	1,508	285.6	1,513	281.7
Fall-related ED Discharges†			6,632	1,295.3	6,983	1,347.9	7,520	1,424.0	8,124	1,512.7
Overdose/Poisoning Deaths†	39	7.8	44	8.7	48	9.3	67	12.7	58	10.8
Overdose/Poisoning Hospitalizations†	270	54.3	302	59.0	299	57.7	320	60.6	343	63.9
Overdose/Poisoning ED Discharges†			741	144.7	666	128.6	683	129.3	698	130.0
Deaths due to Motor Vehicle (MV) Injury†	61	12.3	46	9.0	62	12.0	36	6.8	31	5.8
Hospitalizations due to MV Injury†	416	83.6	428	83.6	373	72.0	363	68.7	367	68.3
ED Discharges due to MV Injury†			2,229	435.3	2,182	421.2	2,006	379.9	1,951	363.3
Motor Vehicle Crash Injuries†	3,310	665.5	3,122	609.7	3,149	607.8	2,843	538.4	2,739	510.0
Alcohol-involved MVC Injuries†	504	101.3	513	100.2	441	85.1	406	76.9	378	70.4
Drinking Drivers Involved in MV Crashes†	356	71.6	330	64.5	329	63.5	285	54.0	256	47.7
Active Restraint Use, % of MVO Injured, Ages 6+ †	2,277	84.6%	2,122	90.0%	2,003	93.0%	1,989	92.4%	2,000	93.8%
Child Restraint Use, % of MVO Injured, Ages 0-5 †	22	57.9%	16	61.5%	19	44.2%	20	74.1%	20	58.8%
Pedestrian Deaths due to MVC†	5	1.0	11	2.1	13	2.5	8	1.5	7	1.3
Pedestrian Hospitalizations due to MVC†	36	7.2	31	6.1	29	5.6	30	5.7	42	7.8
Pedestrian ED Discharges due to MVC†			110	21.5	120	23.2	109	20.6	99	18.4
Pedestrian Injuries due to MVC†	139	27.9	118	23.0	142	27.4	120	22.7	134	25.0
Homicide†	13	2.6	15	3.0	10	1.9	12	2.3	13	2.4
Assault Hospitalizations†	136	27.3	145	28.3	155	29.9	132	25.0	130	24.2
Assault Injury ED Discharges†			955	186.5	947	182.8	885	167.6	989	184.2
Suicide†	44	8.8	43	8.5	56	10.8	64	12.1	56	10.4
Self-Inflicted Hospitalizations†	205	41.2	186	36.3	189	36.5	199	37.7	237	44.1
Self-Inflicted Injury ED Discharges†			229	44.7	280	54.0	361	68.4	349	65.0
Firearm-related Deaths†	29	5.8	29	5.7	32	6.2	36	6.8	27	5.0
Firearm-related Hospitalizations†	27	5.4	17	3.3	24	4.6	21	4.0	13	2.4
Firearm-related ED Discharges†			27	5.3	48	9.3	22	4.2	24	4.5
Dental-related ED Discharges†			354	69.1	423	81.7	538	101.9	593	110.4

* Rates per 100,000 population, unless otherwise noted. See Data Guide: Glossary for specific information or Important Information for Data Users for general information on rates.

† For disease definitions see Glossary in Data Guide.

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Source: CoSD, HHSA, SANDAG, Current Population Estimates,10/2010. See Data Sources in Data Guide for specific information.

Prepared by: County of San Diego (CoSD), Health & Human Services Agency (HHSA), Community Health Statistics,12/8/2011.

North Coastal Region Subregional Areas (2000-2009)

SRA: Carlsbad

Indicator	2000		2001		2002		2003		2004	
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*
Coronary Heart Disease Deaths†	118	127.4	144	147.3	110	106.7	145	137.8	135	126.9
Coronary Heart Disease Hospitalizations†	468	505.2	450	460.4	492	477.1	473	449.4	421	395.9
Coronary Heart Disease ED Discharges†										
Stroke Deaths†	51	55.1	46	47.1	38	36.8	35	33.3	55	51.7
Stroke Hospitalizations†	209	225.6	181	185.2	213	206.6	213	202.4	200	188.1
Stroke ED Discharges†										
Diabetes Deaths†	11	11.9	7	7.2	10	9.7	12	11.4	9	8.5
Diabetes Hospitalizations†	58	62.6	52	53.2	52	50.4	45	42.8	59	55.5
Diabetes ED Discharges†										
Asthma Deaths†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Asthma Hospitalizations†	28	30.2	50	51.2	49	47.5	41	39.0	33	31.0
Asthma ED Discharges†										
Chronic Obstructive Pulmonary Disease (COPD) Deaths†	27	29.1	39	39.9	22	21.3	30	28.5	38	35.7
COPD Hospitalizations†	74	79.9	86	88.0	49	47.5	52	49.4	75	70.5
COPD ED Discharges†										
All Cancer Deaths†	150	161.9	160	163.7	154	149.3	152	144.4	146	137.3
Prostate Cancer Deaths (among males)†	8	17.8	18	38.2	6	12.1	10	19.7	10	19.6
Cervical Cancer Deaths (among females)†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Female Breast Cancer Deaths (among females)†	10	20.9	12	23.7	15	28.1	18	33.0	15	27.1
Colorectal Cancer Deaths†	15	16.2	14	14.3	13	12.6	14	13.3	11	10.3
Lung Cancer Deaths†	27	29.1	39	39.9	35	33.9	37	35.2	28	26.3
Arthritis Hospitalizations†	203	219.1	233	238.4	257	249.2	260	247.0	307	288.7
Arthritis ED Discharges†										
Dorsopathies Hospitalizations†	129	139.3	164	167.8	182	176.5	157	149.2	190	178.7
Dorsopathies ED Discharges†										
Tuberculosis Incidence†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Chronic Hepatitis C Reported†	47	50.7	52	53.2	44	42.7	39	37.1	48	45.1
Chlamydia Reported, Underestimate††	62	66.9	83	84.9	82	79.5	92	87.4	89	83.7
Gonorrhea Reported, Underestimate††	7	7.6	7	7.2	12	11.6	17	16.2	12	11.3
Primary and Secondary Syphilis Reported†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Live Births†, % of Region's births	1,052	14.0%	1,088	14.8%	1,168	15.7%	1,187	15.7%	1,140	15.0%
Live Births to Girls, Ages 15-17†, % of SRA's births	12	1.1%	7	0.6%	7	0.6%	9	0.8%	5	0.4%
Live Births with Early Prenatal Care†, % of Known Prenatal Care	962	92.9%	1,014	94.4%	1,084	93.4%	1,084	92.2%	1,028	91.4%
Live Births born Preterm†, % of SRA's births	89	8.7%	89	8.4%	122	10.8%	112	9.8%	109	9.9%
Low Birth Weight Births†, % of SRA's births	48	4.6%	56	5.1%	68	5.8%	72	6.1%	79	6.9%
Very Low Birth Weight Births†, % of SRA's births	6	0.6%	10	0.9%	9	0.8%	12	1.0%	11	1.0%
Fetal Mortality†, Rate per 1,000 live births & fetal deaths	<5	\$	<5	\$	<5	\$	7	5.9	6	5.2
Infant Mortality†, Rate per 1,000 live births	<5	\$	<5	\$	<5	\$	6	5.1	5	4.4
Unintentional Injury Deaths†	13	14.0	26	26.6	18	17.5	17	16.2	23	21.6
Unintentional Injury Hospitalizations†	471	508.4	481	492.1	527	511.1	545	517.8	552	519.0
Unintentional Injury ED Discharges†										
Fall-related Deaths†	5	5.4	<5	\$	7	6.8	5	4.8	6	5.6
Fall-related Hospitalizations†	269	290.4	258	264.0	297	288.0	287	272.7	307	288.7
Fall-related ED Discharges†										
Overdose/Poisoning Deaths†	6	6.5	8	8.2	<5	\$	<5	\$	<5	\$
Overdose/Poisoning Hospitalizations†	52	56.1	52	53.2	46	44.6	45	42.8	53	49.8
Overdose/Poisoning ED Discharges†										
Deaths due to Motor Vehicle (MV) Injury†	<5	\$	17	17.4	8	7.8	8	7.6	9	8.5
Hospitalizations due to MV Injury†	60	64.8	70	71.6	68	65.9	58	55.1	79	74.3
ED Discharges due to MV Injury†										
Motor Vehicle Crash Injuries†	523	564.6	553	565.8	585	567.3	617	586.2	650	611.2
Alcohol-involved MVC Injuries†	71	76.6	69	70.6	87	84.4	64	60.8	97	91.2
Drinking Drivers Involved in MV Crashes†	42	45.3	43	44.0	54	52.4	50	47.5	54	50.8
Active Restraint Use, % of MVO Injured, Ages 6+ †	371	87.7%	372	87.5%	411	86.7%	380	82.4%	444	92.7%
Child Restraint Use, % of MVO Injured, Ages 0-5 †	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Pedestrian Deaths due to MVC†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Pedestrian Hospitalizations due to MVC†	5	5.4	5	5.1	7	6.8	<5	\$	6	5.6
Pedestrian ED Discharges due to MVC†										
Pedestrian Injuries due to MVC†	23	24.8	17	17.4	25	24.2	24	22.8	21	19.7
Homicide†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Assault Hospitalizations†	14	15.1	11	11.3	29	28.1	17	16.2	17	16.0
Assault Injury ED Discharges†										
Suicide†	8	8.6	15	15.3	13	12.6	8	7.6	8	7.5
Self-Inflicted Hospitalizations†	43	46.4	40	40.9	38	36.8	33	31.4	38	35.7
Self-Inflicted Injury ED Discharges†										
Firearm-related Deaths†	<5	\$	10	10.2	5	4.8	5	4.8	<5	\$
Firearm-related Hospitalizations†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Firearm-related ED Discharges†										
Dental-related ED Discharges†										

* Rates per 100,000 population, unless otherwise noted. See Data Guide: Glossary for specific information or Important Information for Data Users for general information on rates.

† For disease definitions see Glossary in Data Guide.

\$ Rates and percents not calculated for fewer than 5 events.

‡ Underestimate due to cases with unknown residence. There are approximately 30% of cases, 2500 chlamydia and 600 gonorrhea cases per year, missing residence data.

Source: CoSD, HHSA; SANDAG, Current Population Estimates, 10/2010. See Data Sources in Data Guide for specific information.

Prepared by: County of San Diego (CoSD), Health & Human Services Agency (HHSA), Community Health Statistics, 12/8/2011.

North Coastal Region Subregional Areas (2000-2009)

SRA: Carlsbad										
Indicator	2005		2006		2007		2008		2009	
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*
Coronary Heart Disease Deaths†	119	110.7	117	105.6	107	94.6	99	85.9	103	86.2
Coronary Heart Disease Hospitalizations†	398	370.2	353	318.7	328	289.9	349	302.7	324	271.1
Coronary Heart Disease ED Discharges†			38	34.3	35	30.9	27	23.4	30	25.1
Stroke Deaths†	33	30.7	32	28.9	40	35.3	38	33.0	37	31.0
Stroke Hospitalizations†	188	174.9	196	176.9	219	193.5	180	156.1	196	164.0
Stroke ED Discharges†			59	53.3	57	50.4	44	38.2	58	48.5
Diabetes Deaths†	9	8.4	12	10.8	16	14.1	10	8.7	13	10.9
Diabetes Hospitalizations†	57	53.0	68	61.4	64	56.6	45	39.0	51	42.7
Diabetes ED Discharges†			62	56.0	68	60.1	98	85.0	85	71.1
Asthma Deaths†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Asthma Hospitalizations†	27	25.1	24	21.7	32	28.3	32	27.8	41	34.3
Asthma ED Discharges†			143	129.1	157	138.7	157	136.2	173	144.8
Chronic Obstructive Pulmonary Disease (COPD) Deaths†	43	40.0	28	25.3	36	31.8	26	22.6	45	37.7
COPD Hospitalizations†	34	31.6	74	66.8	71	62.7	73	63.3	63	52.7
COPD ED Discharges†			110	99.3	111	98.1	165	143.1	169	141.4
All Cancer Deaths†	178	165.6	171	154.4	189	167.0	156	135.3	163	136.4
Prostate Cancer Deaths (among males)†	16	31.0	13	24.4	12	22.0	9	16.2	12	20.9
Cervical Cancer Deaths (among females)†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Female Breast Cancer Deaths (among females)†	6	10.7	15	26.1	14	23.8	12	20.1	14	22.5
Colorectal Cancer Deaths†	20	18.6	19	17.2	16	14.1	18	15.6	11	9.2
Lung Cancer Deaths†	45	41.9	32	28.9	42	37.1	38	33.0	29	24.3
Arthritis Hospitalizations†	273	253.9	339	306.0	359	317.3	357	309.7	352	294.6
Arthritis ED Discharges†			273	246.4	282	249.2	289	250.7	286	239.3
Dorsopathies Hospitalizations†	188	174.9	200	180.5	199	175.9	214	185.6	221	184.9
Dorsopathies ED Discharges†			400	361.1	340	300.5	368	319.2	395	330.6
Tuberculosis Incidence†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Chronic Hepatitis C Reported†	61	56.7	58	52.4	37	32.7	50	43.4	41	34.3
Chlamydia Reported, Underestimate††	130	120.9	112	101.1	170	150.2	165	143.1	175	146.5
Gonorrhea Reported, Underestimate††	10	9.3	20	18.1	16	14.1	11	9.5	11	9.2
Primary and Secondary Syphilis Reported†	<5	\$	5	4.5	<5	\$	<5	\$	<5	\$
Live Births†, % of Region's births	1,180	15.9%	1,285	16.5%	1,187	15.1%	1,137	15.0%	1,126	15.4%
Live Births to Girls, Ages 15-17†, % of SRA's births	11	0.9%	10	0.8%	5	0.4%	9	0.8%	<5	\$
Live Births with Early Prenatal Care†, % of Known Prenatal Care	1,084	93.1%	1,144	90.4%	1,042	88.1%	1,002	88.4%	1,009	89.7%
Live Births born Preterm†, % of SRA's births	125	10.8%	131	10.4%	104	8.9%	109	9.7%	96	8.6%
Low Birth Weight Births†, % of SRA's births	84	7.1%	78	6.1%	62	5.2%	73	6.4%	73	6.5%
Very Low Birth Weight Births†, % of SRA's births	12	1.0%	8	0.6%	<5	\$	19	1.7%	13	1.2%
Fetal Mortality†, Rate per 1,000 live births & fetal deaths	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Infant Mortality†, Rate per 1,000 live births	<5	\$	8	6.2	<5	\$	<5	\$	<5	\$
Unintentional Injury Deaths†	28	26.0	26	23.5	28	24.7	24	20.8	33	27.6
Unintentional Injury Hospitalizations†	537	499.5	578	521.8	580	512.6	616	534.3	633	529.7
Unintentional Injury ED Discharges†			4,297	3,878.9	4,412	3,899.0	4,404	3,820.2	4,435	3,711.5
Fall-related Deaths†	6	5.6	15	13.5	9	8.0	6	5.2	11	9.2
Fall-related Hospitalizations†	308	286.5	332	299.7	331	292.5	365	316.6	363	303.8
Fall-related ED Discharges†			1,432	1,292.7	1,557	1,376.0	1,690	1,466.0	1,740	1,456.1
Overdose/Poisoning Deaths†	<5	\$	8	7.2	5	4.4	15	13.0	15	12.6
Overdose/Poisoning Hospitalizations†	61	56.7	65	58.7	70	61.9	69	59.9	74	61.9
Overdose/Poisoning ED Discharges†			139	125.5	142	125.5	137	118.8	127	106.3
Deaths due to Motor Vehicle (MV) Injury†	15	14.0	<5	\$	12	10.6	<5	\$	<5	\$
Hospitalizations due to MV Injury†	61	56.7	75	67.7	55	48.6	67	58.1	53	44.4
ED Discharges due to MV Injury†			362	326.8	371	327.9	353	306.2	367	307.1
Motor Vehicle Crash Injuries†	546	507.9	635	573.2	661	584.1	486	421.6	532	445.2
Alcohol-involved MVC Injuries†	60	55.8	90	81.2	78	68.9	49	42.5	56	46.9
Drinking Drivers Involved in MV Crashes†	47	43.7	59	53.3	59	52.1	47	40.8	41	34.3
Active Restraint Use, % of MVO Injured, Ages 6+ †	389	85.5%	453	93.2%	484	95.5%	325	93.7%	383	94.6%
Child Restraint Use, % of MVO Injured, Ages 0-5 †	<5	\$	<5	\$	7	87.5%	<5	\$	<5	\$
Pedestrian Deaths due to MVC†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Pedestrian Hospitalizations due to MVC†	8	7.4	7	6.3	5	4.4	5	4.3	9	7.5
Pedestrian ED Discharges due to MVC†			17	15.3	23	20.3	20	17.3	11	9.2
Pedestrian Injuries due to MVC†	23	21.4	26	23.5	24	21.2	26	22.6	26	21.8
Homicide†	<5	\$	<5	\$	<5	\$	<5	\$	6	5.0
Assault Hospitalizations†	17	15.8	21	19.0	16	14.1	23	20.0	10	8.4
Assault Injury ED Discharges†			131	118.3	123	108.7	127	110.2	127	106.3
Suicide†	10	9.3	12	10.8	11	9.7	9	7.8	11	9.2
Self-Inflicted Hospitalizations†	42	39.1	43	38.8	51	45.1	36	31.2	48	40.2
Self-Inflicted Injury ED Discharges†			45	40.6	59	52.1	65	56.4	66	55.2
Firearm-related Deaths†	6	5.6	8	7.2	6	5.3	<5	\$	<5	\$
Firearm-related Hospitalizations†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Firearm-related ED Discharges†			5	4.5	8	7.1	<5	\$	<5	\$
Dental-related ED Discharges†			58	52.4	58	51.3	70	60.7	90	75.3

* Rates per 100,000 population, unless otherwise noted. See Data Guide: Glossary for specific information or Important Information for Data Users for general information on rates.

† For disease definitions see Glossary in Data Guide.

\$ Rates and percents not calculated for fewer than 5 events.

†† Underestimate due to cases with unknown residence. There are approximately 30% cases, 2500 chlamydia and 600 gonorrhea cases per year, missing residence data.

Source: CoSD, HHSA, SANDAG, Current Population Estimates, 10/2010. See Data Sources in Data Guide for specific information.

Prepared by: County of San Diego (CoSD), Health & Human Services Agency (HHSA), Community Health Statistics, 12/8/2011.

North Coastal Region Subregional Areas (2000-2009)

SRA: Oceanside

Indicator	2000		2001		2002		2003		2004	
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*
Coronary Heart Disease Deaths†	244	161.0	259	167.3	302	191.9	248	154.3	239	146.5
Coronary Heart Disease Hospitalizations†	787	519.3	815	526.4	748	475.2	693	431.2	630	386.1
Coronary Heart Disease ED Discharges†										
Stroke Deaths†	72	47.5	81	52.3	98	62.3	86	53.5	77	47.2
Stroke Hospitalizations†	459	302.9	409	264.2	433	275.1	389	242.1	362	221.8
Stroke ED Discharges†										
Diabetes Deaths†	26	17.2	22	14.2	38	24.1	32	19.9	30	18.4
Diabetes Hospitalizations†	133	87.8	163	105.3	136	86.4	170	105.8	160	98.1
Diabetes ED Discharges†										
Asthma Deaths†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Asthma Hospitalizations†	92	60.7	115	74.3	108	68.6	117	72.8	124	76.0
Asthma ED Discharges†										
Chronic Obstructive Pulmonary Disease (COPD) Deaths†	67	44.2	81	52.3	78	49.6	72	44.8	66	40.4
COPD Hospitalizations†	216	142.5	216	139.5	166	105.5	146	90.9	138	84.6
COPD ED Discharges†										
All Cancer Deaths†	313	206.5	301	194.4	292	185.5	285	177.3	300	183.8
Prostate Cancer Deaths (among males)†	21	27.9	21	27.4	15	19.3	19	23.9	19	23.6
Cervical Cancer Deaths (among females)†	<5	\$	5	6.4	<5	\$	<5	\$	<5	\$
Female Breast Cancer Deaths (among females)†	24	31.5	23	29.5	19	23.9	18	22.2	21	25.4
Colorectal Cancer Deaths†	34	22.4	26	16.8	19	12.1	23	14.3	27	16.5
Lung Cancer Deaths†	81	53.4	77	49.7	85	54.0	76	47.3	81	49.6
Arthritis Hospitalizations†	412	271.9	476	307.4	400	254.1	448	278.8	447	273.9
Arthritis ED Discharges†										
Dorsopathies Hospitalizations†	245	161.7	309	199.6	287	182.3	293	182.3	280	171.6
Dorsopathies ED Discharges†										
Tuberculosis Incidence†	13	8.6	14	9.0	13	8.3	15	9.3	11	6.7
Chronic Hepatitis C Reported†	155	102.3	148	95.6	172	109.3	103	64.1	113	69.2
Chlamydia Reported, Underestimate††	412	271.9	441	284.8	524	332.9	520	323.6	427	261.7
Gonorrhea Reported, Underestimate††	37	24.4	65	42.0	54	34.3	61	38.0	50	30.6
Primary and Secondary Syphilis Reported†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Live Births†, % of Region's births	3,549	47.3%	3,497	47.6%	3,522	47.2%	3,516	46.6%	3,593	47.2%
Live Births to Girls, Ages 15-17†, % of SRA's births	114	3.2%	84	2.4%	81	2.3%	94	2.7%	78	2.2%
Live Births with Early Prenatal Care†, % of Known Prenatal Care	2,447	76.6%	2,587	80.8%	2,807	81.4%	2,756	80.8%	2,689	79.3%
Live Births born Preterm†, % of SRA's births	346	11.1%	330	10.6%	333	10.3%	288	8.8%	366	11.2%
Low Birth Weight Births†, % of SRA's births	222	6.3%	217	6.2%	202	5.7%	201	5.7%	243	6.8%
Very Low Birth Weight Births†, % of SRA's births	53	1.5%	40	1.1%	35	1.0%	26	0.7%	47	1.3%
Fetal Mortality†, Rate per 1,000 live births & fetal deaths	21	5.9	18	5.1	22	6.2	10	2.8	15	4.2
Infant Mortality†, Rate per 1,000 live births	23	6.5	17	4.9	16	4.5	16	4.6	22	6.1
Unintentional Injury Deaths†	40	26.4	45	29.1	46	29.2	40	24.9	56	34.3
Unintentional Injury Hospitalizations†	861	568.1	983	634.9	989	628.3	1,084	674.5	1,086	665.5
Unintentional Injury ED Discharges†										
Fall-related Deaths†	11	7.3	8	5.2	<5	\$	7	4.4	5	3.1
Fall-related Hospitalizations†	425	280.4	511	330.0	504	320.2	521	324.2	556	340.7
Fall-related ED Discharges†										
Overdose/Poisoning Deaths†	11	7.3	12	7.8	11	7.0	10	6.2	18	11.0
Overdose/Poisoning Hospitalizations†	86	56.7	96	62.0	101	64.2	104	64.7	100	61.3
Overdose/Poisoning ED Discharges†										
Deaths due to Motor Vehicle (MV) Injury†	10	6.6	21	13.6	20	12.7	22	13.7	27	16.5
Hospitalizations due to MV Injury†	169	111.5	186	120.1	182	115.6	198	123.2	195	119.5
ED Discharges due to MV Injury†										
Motor Vehicle Crash Injuries†	1,241	818.9	1,371	885.5	1,476	937.7	1,408	876.2	1,409	863.5
Alcohol-involved MVC Injuries†	134	88.4	142	91.7	189	120.1	178	110.8	191	117.0
Drinking Drivers Involved in MV Crashes†	80	52.8	96	62.0	119	75.6	102	63.5	126	77.2
Active Restraint Use, % of MVO Injured, Ages 6+ †	920	89.2%	948	86.7%	1,019	86.7%	959	85.6%	848	89.9%
Child Restraint Use, % of MVO Injured, Ages 0-5 †	9	45.0%	7	25.0%	13	72.2%	9	47.4%	<5	\$
Pedestrian Deaths due to MVC†	<5	\$	<5	\$	<5	\$	<5	\$	6	3.7
Pedestrian Hospitalizations due to MVC†	18	11.9	23	14.9	22	14.0	28	17.4	18	11.0
Pedestrian ED Discharges due to MVC†										
Pedestrian Injuries due to MVC†	47	31.0	67	43.3	53	33.7	55	34.2	70	42.9
Homicide†	<5	\$	<5	\$	<5	\$	7	4.4	9	5.5
Assault Hospitalizations†	53	35.0	48	31.0	49	31.1	71	44.2	69	42.3
Assault Injury ED Discharges†										
Suicide†	13	8.6	11	7.1	13	8.3	16	10.0	16	9.8
Self-Inflicted Hospitalizations†	71	46.9	87	56.2	91	57.8	96	59.7	91	55.8
Self-Inflicted Injury ED Discharges†										
Firearm-related Deaths†	9	5.9	6	3.9	10	6.4	14	8.7	14	8.6
Firearm-related Hospitalizations†	12	7.9	9	5.8	11	7.0	16	10.0	22	13.5
Firearm-related ED Discharges†										
Dental-related ED Discharges†										

* Rates per 100,000 population, unless otherwise noted. See Data Guide: Glossary for specific information or Important Information for Data Users for general information on rates.

† For disease definitions see Glossary in Data Guide.

\$ Rates and percents not calculated for fewer than 5 events.

†† Underestimate due to cases with unknown residence. There are approximately 30% of cases, 2500 chlamydia and 600 gonorrhea cases per year, missing residence data.

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Prepared by: County of San Diego (CoSD), Health & Human Services Agency (HHSA), Community Health Statistics, 12/8/2011.

North Coastal Region Subregional Areas (2000-2009)

SRA: Oceanside

Indicator	2005		2006		2007		2008		2009	
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*
Coronary Heart Disease Deaths†	244	148.1	285	172.1	218	130.3	250	147.5	220	128.7
Coronary Heart Disease Hospitalizations†	599	363.5	541	326.6	468	279.6	517	305.1	621	363.2
Coronary Heart Disease ED Discharges†			57	34.4	51	30.5	53	31.3	65	38.0
Stroke Deaths†	74	44.9	71	42.9	69	41.2	82	48.4	68	39.8
Stroke Hospitalizations†	354	214.8	396	239.1	331	197.8	354	208.9	391	228.7
Stroke ED Discharges†			140	84.5	126	75.3	122	72.0	113	66.1
Diabetes Deaths†	40	24.3	34	20.5	24	14.3	37	21.8	27	15.8
Diabetes Hospitalizations†	183	111.0	154	93.0	207	123.7	195	115.1	196	114.6
Diabetes ED Discharges†			221	133.4	257	153.6	238	140.5	228	133.4
Asthma Deaths†	<5	\$	<5	\$	<5	\$	5	3.0	<5	\$
Asthma Hospitalizations†	73	44.3	88	53.1	97	58.0	93	54.9	87	50.9
Asthma ED Discharges†			344	207.7	451	269.5	397	234.3	433	253.3
Chronic Obstructive Pulmonary Disease (COPD) Deaths†	81	49.1	57	34.4	73	43.6	66	39.0	70	40.9
COPD Hospitalizations†	177	107.4	121	73.0	160	95.6	227	134.0	222	129.9
COPD ED Discharges†			180	108.7	277	165.5	572	337.6	583	341.0
All Cancer Deaths†	266	161.4	295	178.1	315	188.2	303	178.8	289	169.0
Prostate Cancer Deaths (among males)†	22	26.9	22	26.8	13	15.7	23	27.4	18	21.3
Cervical Cancer Deaths (among females)†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Female Breast Cancer Deaths (among females)†	18	21.6	19	22.7	18	21.3	26	30.4	23	26.7
Colorectal Cancer Deaths†	27	16.4	27	16.3	26	15.5	23	13.6	32	18.7
Lung Cancer Deaths†	60	36.4	74	44.7	85	50.8	86	50.8	64	37.4
Arthritis Hospitalizations†	471	285.8	462	278.9	475	283.8	528	311.6	520	304.2
Arthritis ED Discharges†			569	343.5	580	346.6	654	386.0	533	311.8
Dorsopathies Hospitalizations†	302	183.2	289	174.5	294	175.7	295	174.1	257	150.3
Dorsopathies ED Discharges†			808	487.8	864	516.3	955	563.6	997	583.2
Tuberculosis Incidence†	16	9.7	12	7.2	16	9.6	14	8.3	<5	\$
Chronic Hepatitis C Reported†	148	89.8	166	100.2	161	96.2	182	107.4	124	72.5
Chlamydia Reported, Underestimate††	459	278.5	494	298.2	503	300.6	589	347.6	688	402.4
Gonorrhea Reported, Underestimate††	60	36.4	75	45.3	52	31.1	54	31.9	43	25.2
Primary and Secondary Syphilis Reported†	<5	\$	<5	\$	6	3.6	<5	\$	<5	\$
Live Births†, % of Region's births	3,472	46.8%	3,659	47.1%	3,728	47.6%	3,568	46.9%	3,476	47.5%
Live Births to Girls, Ages 15-17†, % of SRA's births	91	2.6%	90	2.5%	105	2.8%	84	2.4%	71	2.0%
Live Births with Early Prenatal Care†, % of Known Prenatal Care	2,578	78.6%	2,791	76.8%	2,709	73.0%	2,634	74.2%	2,734	78.7%
Live Births born Preterm†, % of SRA's births	339	10.5%	380	10.7%	413	11.4%	317	9.1%	331	9.7%
Low Birth Weight Births†, % of SRA's births	190	5.5%	234	6.4%	259	6.9%	212	5.9%	215	6.2%
Very Low Birth Weight Births†, % of SRA's births	36	1.0%	54	1.5%	55	1.5%	40	1.1%	40	1.2%
Fetal Mortality†, Rate per 1,000 live births & fetal deaths	17	4.9	21	5.7	13	3.5	22	6.1	17	4.9
Infant Mortality†, Rate per 1,000 live births	18	5.2	23	6.3	21	5.6	14	3.9	15	4.3
Unintentional Injury Deaths†	56	34.0	56	33.8	51	30.5	35	20.7	54	31.6
Unintentional Injury Hospitalizations†	1,027	623.2	1,022	617.0	1,011	604.1	1,012	597.3	1,105	646.3
Unintentional Injury ED Discharges†			7,792	4,704.0	7,791	4,655.3	7,991	4,716.1	8,088	4,730.8
Fall-related Deaths†	6	3.6	7	4.2	7	4.2	6	3.5	14	8.2
Fall-related Hospitalizations†	530	321.6	522	315.1	519	310.1	532	314.0	560	327.6
Fall-related ED Discharges†			2,303	1,390.3	2,476	1,479.5	2,731	1,611.8	3,056	1,787.5
Overdose/Poisoning Deaths†	18	10.9	16	9.7	21	12.5	15	8.9	22	12.9
Overdose/Poisoning Hospitalizations†	107	64.9	118	71.2	113	67.5	119	70.2	151	88.3
Overdose/Poisoning ED Discharges†			288	173.9	279	166.7	285	168.2	287	167.9
Deaths due to Motor Vehicle (MV) Injury†	24	14.6	24	14.5	20	12.0	13	7.7	10	5.8
Hospitalizations due to MV Injury†	176	106.8	162	97.8	154	92.0	139	82.0	163	95.3
ED Discharges due to MV Injury†			869	524.6	872	521.0	809	477.5	774	452.7
Motor Vehicle Crash Injuries†	1,226	743.9	1,097	662.3	1,119	668.6	913	538.8	1,009	590.2
Alcohol-involved MVC Injuries†	174	105.6	180	108.7	148	88.4	121	71.4	127	74.3
Drinking Drivers Involved in MV Crashes†	132	80.1	118	71.2	109	65.1	101	59.6	87	50.9
Active Restraint Use, % of MVO Injured, Ages 6+ †	860	90.4%	787	93.5%	757	92.8%	646	92.8%	710	93.7%
Child Restraint Use, % of MVO Injured, Ages 0-5 †	8	47.1%	<5	\$	6	30.0%	5	50.0%	5	45.5%
Pedestrian Deaths due to MVC†	<5	\$	<5	\$	5	3.0	<5	\$	<5	\$
Pedestrian Hospitalizations due to MVC†	12	7.3	12	7.2	14	8.4	13	7.7	18	10.5
Pedestrian ED Discharges due to MVC†			43	26.0	41	24.5	39	23.0	47	27.5
Pedestrian Injuries due to MVC†	64	38.8	46	27.8	71	42.4	48	28.3	58	33.9
Homicide†	7	4.2	6	3.6	6	3.6	8	4.7	<5	\$
Assault Hospitalizations†	70	42.5	59	35.6	73	43.6	66	39.0	67	39.2
Assault Injury ED Discharges†			399	240.9	411	245.6	392	231.4	434	253.9
Suicide†	16	9.7	14	8.5	23	13.7	28	16.5	23	13.5
Self-Inflicted Hospitalizations†	76	46.1	69	41.7	70	41.8	72	42.5	111	64.9
Self-Inflicted Injury ED Discharges†			77	46.5	104	62.1	151	89.1	137	80.1
Firearm-related Deaths†	12	7.3	9	5.4	14	8.4	15	8.9	15	8.8
Firearm-related Hospitalizations†	16	9.7	12	7.2	10	6.0	13	7.7	6	3.5
Firearm-related ED Discharges†			11	6.6	15	9.0	11	6.5	10	5.8
Dental-related ED Discharges†			131	79.1	188	112.3	238	140.5	275	160.9

* Rates per 100,000 population, unless otherwise noted. See Data Guide: Glossary for specific information or Important Information for Data Users for general information on rates.

† For disease definitions see Glossary in Data Guide.

\$ Rates and percents not calculated for fewer than 5 events.

†† Underestimate due to cases with unknown residence. There are approximately 30% cases, 2500 chlamydia and 600 gonorrhea cases per year, missing residence data.

Source: CoSD, HHSA; SANDAG, Current Population Estimates, 10/2010. See Data Sources in Data Guide for specific information.

Prepared by: County of San Diego (CoSD), Health & Human Services Agency (HHSA), Community Health Statistics, 12/8/2011.

North Coastal Region Subregional Areas (2000-2009)

SRA: Pendleton

Indicator	2000		2001		2002		2003		2004	
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*
Coronary Heart Disease Deaths†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Coronary Heart Disease Hospitalizations†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Coronary Heart Disease ED Discharges†										
Stroke Deaths†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Stroke Hospitalizations†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Stroke ED Discharges†										
Diabetes Deaths†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Diabetes Hospitalizations†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Diabetes ED Discharges†										
Asthma Deaths†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Asthma Hospitalizations†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Asthma ED Discharges†										
Chronic Obstructive Pulmonary Disease (COPD) Deaths†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
COPD Hospitalizations†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
COPD ED Discharges†										
All Cancer Deaths†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Prostate Cancer Deaths (among males)†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Cervical Cancer Deaths (among females)†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Female Breast Cancer Deaths (among females)†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Colorectal Cancer Deaths†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Lung Cancer Deaths†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Arthritis Hospitalizations†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Arthritis ED Discharges†										
Dorsopathies Hospitalizations†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Dorsopathies ED Discharges†										
Tuberculosis Incidence†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Chronic Hepatitis C Reported†	5	13.8	<5	\$	<5	\$	<5	\$	<5	\$
Chlamydia Reported, Underestimate††	54	149.4	38	118.4	28	74.6	44	126.0	29	81.6
Gonorrhea Reported, Underestimate††	9	24.9	<5	\$	<5	\$	8	22.9	9	25.3
Primary and Secondary Syphilis Reported†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Live Births†, % of Region's births	<5	\$	11	0.1%	22	0.3%	22	0.3%	22	0.3%
Live Births to Girls, Ages 15-17†, % of SRA's births	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Live Births with Early Prenatal Care†, % of Known Prenatal Care	<5	\$	7	77.8%	16	80.0%	10	58.8%	10	55.6%
Live Births born Preterm†, % of SRA's births	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Low Birth Weight Births†, % of SRA's births	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Very Low Birth Weight Births†, % of SRA's births	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Fetal Mortality†, Rate per 1,000 live births & fetal deaths	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Infant Mortality†, Rate per 1,000 live births	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Unintentional Injury Deaths†	<5	\$	7	21.8	8	21.3	8	22.9	7	19.7
Unintentional Injury Hospitalizations†	50	138.3	40	124.7	40	106.5	40	114.5	36	101.3
Unintentional Injury ED Discharges†										
Fall-related Deaths†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Fall-related Hospitalizations†	6	16.6	<5	\$	<5	\$	<5	\$	<5	\$
Fall-related ED Discharges†										
Overdose/Poisoning Deaths†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Overdose/Poisoning Hospitalizations†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Overdose/Poisoning ED Discharges†										
Deaths due to Motor Vehicle (MV) Injury†	<5	\$	5	15.6	7	18.6	6	17.2	5	14.1
Hospitalizations due to MV Injury†	35	96.8	20	62.3	24	63.9	22	63.0	22	61.9
ED Discharges due to MV Injury†										
Motor Vehicle Crash Injuries†	231	639.1	281	875.8	331	881.7	297	850.4	300	844.4
Alcohol-involved MVC Injuries†	47	130.0	60	187.0	68	181.1	61	174.7	64	180.1
Drinking Drivers Involved in MV Crashes†	30	83.0	34	106.0	38	101.2	28	80.2	35	98.5
Active Restraint Use, % of MVO Injured, Ages 6+ †	162	77.1%	212	79.7%	246	82.0%	218	79.0%	254	90.4%
Child Restraint Use, % of MVO Injured, Ages 0-5 †	<5	\$	<5	\$	6	60.0%	<5	\$	<5	\$
Pedestrian Deaths due to MVC†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Pedestrian Hospitalizations due to MVC†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Pedestrian ED Discharges due to MVC†										
Pedestrian Injuries due to MVC†	<5	\$	<5	\$	6	16.0	6	17.2	<5	\$
Homicide†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Assault Hospitalizations†	<5	\$	7	21.8	6	16.0	<5	\$	6	16.9
Assault Injury ED Discharges†										
Suicide†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Self-Inflicted Hospitalizations†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Self-Inflicted Injury ED Discharges†										
Firearm-related Deaths†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Firearm-related Hospitalizations†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Firearm-related ED Discharges†										
Dental-related ED Discharges†										

* Rates per 100,000 population, unless otherwise noted. See Data Guide: Glossary for specific information or Important Information for Data Users for general information on rates.

† For disease definitions see Glossary in Data Guide.

\$ Rates and percents not calculated for fewer than 5 events.

‡ Underestimate due to cases with unknown residence. There are approximately 30% of cases, 2500 chlamydia and 600 gonorrhea cases per year, missing residence data.

Source: CoSD, HHSA, SANDAG, Current Population Estimates, 10/2010. See Data Sources in Data Guide for specific information.

Prepared by: County of San Diego (CoSD), Health & Human Services Agency (HHSA), Community Health Statistics, 12/8/2011.

North Coastal Region Subregional Areas (2000-2009)

SRA: Pendleton

Indicator	2005		2006		2007		2008		2009	
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*
Coronary Heart Disease Deaths†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Coronary Heart Disease Hospitalizations†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Coronary Heart Disease ED Discharges†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Stroke Deaths†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Stroke Hospitalizations†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Stroke ED Discharges†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Diabetes Deaths†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Diabetes Hospitalizations†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Diabetes ED Discharges†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Asthma Deaths†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Asthma Hospitalizations†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Asthma ED Discharges†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Chronic Obstructive Pulmonary Disease (COPD) Deaths†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
COPD Hospitalizations†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
COPD ED Discharges†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
All Cancer Deaths†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Prostate Cancer Deaths (among males)†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Cervical Cancer Deaths (among females)†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Female Breast Cancer Deaths (among females)†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Colorectal Cancer Deaths†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Lung Cancer Deaths†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Arthritis Hospitalizations†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Arthritis ED Discharges†	<5	\$	<5	\$	5	12.7	<5	\$	7	15.0
Dorsopathies Hospitalizations†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Dorsopathies ED Discharges†	<5	\$	5	12.3	5	12.7	10	23.2	5	10.7
Tuberculosis Incidence†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Chronic Hepatitis C Reported†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Chlamydia Reported, Underestimate††	26	80.3	15	37.0	14	35.5	104	241.3	164	352.2
Gonorrhea Reported, Underestimate††	<5	\$	<5	\$	<5	\$	14	32.5	24	51.5
Primary and Secondary Syphilis Reported†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Live Births†, % of Region's births	8	0.1%	19	0.2%	16	0.2%	22	0.3%	15	0.2%
Live Births to Girls, Ages 15-17†, % of SRA's births	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Live Births with Early Prenatal Care†, % of Known Prenatal Care	<5	\$	10	55.6%	11	68.8%	12	54.5%	12	80.0%
Live Births born Preterm†, % of SRA's births	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Low Birth Weight Births†, % of SRA's births	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Very Low Birth Weight Births†, % of SRA's births	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Fetal Mortality†, Rate per 1,000 live births & fetal deaths	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Infant Mortality†, Rate per 1,000 live births	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Unintentional Injury Deaths†	7	21.6	7	17.3	8	20.3	10	23.2	8	17.2
Unintentional Injury Hospitalizations†	20	61.8	25	61.7	34	86.2	29	67.3	34	73.0
Unintentional Injury ED Discharges†	<5	\$	79	195.1	83	210.3	68	157.8	80	171.8
Fall-related Deaths†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Fall-related Hospitalizations†	6	18.5	<5	\$	5	12.7	<5	\$	8	17.2
Fall-related ED Discharges†	<5	\$	22	54.3	13	32.9	19	44.1	21	45.1
Overdose/Poisoning Deaths†	<5	\$	<5	\$	<5	\$	6	13.9	<5	\$
Overdose/Poisoning Hospitalizations†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Overdose/Poisoning ED Discharges†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Deaths due to Motor Vehicle (MV) Injury†	6	18.5	<5	\$	5	12.7	<5	\$	5	10.7
Hospitalizations due to MV Injury†	5	15.4	16	39.5	16	40.5	17	39.5	10	21.5
ED Discharges due to MV Injury†	<5	\$	35	86.4	25	63.4	20	46.4	23	49.4
Motor Vehicle Crash Injuries†	251	775.4	247	609.8	224	567.7	156	362.0	273	586.4
Alcohol-involved MVC Injuries†	55	169.9	42	103.7	32	81.1	13	30.2	40	85.9
Drinking Drivers Involved in MV Crashes†	38	117.4	25	61.7	22	55.8	29	67.3	28	60.1
Active Restraint Use, % of MVO Injured, Ages 6+ †	205	89.5%	204	89.9%	194	95.1%	130	94.2%	228	95.0%
Child Restraint Use, % of MVO Injured, Ages 0-5 †	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Pedestrian Deaths due to MVC†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Pedestrian Hospitalizations due to MVC†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Pedestrian ED Discharges due to MVC†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Pedestrian Injuries due to MVC†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Homicide†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Assault Hospitalizations†	<5	\$	5	12.3	8	20.3	<5	\$	7	15.0
Assault Injury ED Discharges†	<5	\$	11	27.2	15	38.0	7	16.2	9	19.3
Suicide†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Self-Inflicted Hospitalizations†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Self-Inflicted Injury ED Discharges†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Firearm-related Deaths†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Firearm-related Hospitalizations†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Firearm-related ED Discharges†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Dental-related ED Discharges†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$

* Rates per 100,000 population, unless otherwise noted. See Data Guide: Glossary for specific information or Important Information for Data Users for general information on rates.

† For disease definitions see Glossary in Data Guide.

§ Rates and percents not calculated for fewer than 5 events.

‡ Underestimate due to cases with unknown residence. There are approximately 30% cases, 2500 chlamydia and 600 gonorrhea cases per year, missing residence data.

Source: CoSD, HHSA, SANDAG, Current Population Estimates, 10/2010. See Data Sources in Data Guide for specific information.

Prepared by: County of San Diego (CoSD), Health & Human Services Agency (HHSA), Community Health Statistics, 12/8/2011.

North Coastal Region Subregional Areas (2000-2009)

SRA: San Dieguito

Indicator	2000		2001		2002		2003		2004	
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*
Coronary Heart Disease Deaths†	104	124.1	127	148.7	97	112.1	107	120.9	108	118.5
Coronary Heart Disease Hospitalizations†	425	507.1	422	494.0	458	529.2	420	474.4	383	420.3
Coronary Heart Disease ED Discharges†										
Stroke Deaths†	45	53.7	40	46.8	52	60.1	45	50.8	51	56.0
Stroke Hospitalizations†	195	232.7	159	186.1	161	186.0	164	185.2	132	144.9
Stroke ED Discharges†										
Diabetes Deaths†	7	8.4	5	5.9	10	11.6	6	6.8	8	8.8
Diabetes Hospitalizations†	35	41.8	48	56.2	38	43.9	37	41.8	48	52.7
Diabetes ED Discharges†										
Asthma Deaths†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Asthma Hospitalizations†	50	59.7	35	41.0	22	25.4	33	37.3	30	32.9
Asthma ED Discharges†										
Chronic Obstructive Pulmonary Disease (COPD) Deaths†	42	50.1	27	31.6	35	40.4	32	36.1	21	23.0
COPD Hospitalizations†	54	64.4	51	59.7	49	56.6	40	45.2	36	39.5
COPD ED Discharges†										
All Cancer Deaths†	151	180.2	145	169.7	143	165.2	140	158.1	137	150.3
Prostate Cancer Deaths (among males)†	6	14.4	10	23.7	10	23.5	7	16.1	5	11.2
Cervical Cancer Deaths (among females)†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Female Breast Cancer Deaths (among females)†	12	28.4	10	23.2	13	29.6	11	24.5	17	36.6
Colorectal Cancer Deaths†	16	19.1	19	22.2	12	13.9	6	6.8	11	12.1
Lung Cancer Deaths†	32	38.2	28	32.8	20	23.1	35	39.5	44	48.3
Arthritis Hospitalizations†	199	237.5	208	243.5	233	269.2	226	255.3	280	307.3
Arthritis ED Discharges†										
Dorsopathies Hospitalizations†	167	199.3	158	185.0	172	198.7	147	166.0	167	183.3
Dorsopathies ED Discharges†										
Tuberculosis Incidence†	<5	\$	<5	\$	<5	\$	5	5.6	<5	\$
Chronic Hepatitis C Reported†	53	63.2	61	71.4	41	47.4	46	52.0	61	66.9
Chlamydia Reported, Underestimate††	47	56.1	61	71.4	75	86.7	79	89.2	92	101.0
Gonorrhea Reported, Underestimate††	6	7.2	10	11.7	9	10.4	12	13.6	11	12.1
Primary and Secondary Syphilis Reported†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Live Births†, % of Region's births	910	12.1%	828	11.3%	826	11.1%	860	11.4%	848	11.1%
Live Births to Girls, Ages 15-17†, % of SRA's births	12	1.3%	7	0.8%	11	1.3%	7	0.8%	10	1.2%
Live Births with Early Prenatal Care†, % of Known Prenatal Care	806	89.3%	767	93.8%	731	89.1%	789	92.6%	752	89.4%
Live Births born Preterm†, % of SRA's births	67	7.5%	66	8.3%	73	9.1%	77	9.3%	84	10.3%
Low Birth Weight Births†, % of SRA's births	41	4.5%	45	5.4%	43	5.2%	54	6.3%	54	6.4%
Very Low Birth Weight Births†, % of SRA's births	5	0.5%	6	0.7%	9	1.1%	<5	\$	<5	\$
Fetal Mortality†, Rate per 1,000 live births & fetal deaths	<5	\$	<5	\$	<5	\$	<5	\$	8	9.3
Infant Mortality†, Rate per 1,000 live births	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Unintentional Injury Deaths†	18	21.5	8	9.4	14	16.2	18	20.3	17	18.7
Unintentional Injury Hospitalizations†	476	568.0	501	586.5	571	659.8	546	616.7	579	635.4
Unintentional Injury ED Discharges†										
Fall-related Deaths†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Fall-related Hospitalizations†	240	286.4	235	275.1	307	354.7	260	293.7	305	334.7
Fall-related ED Discharges†										
Overdose/Poisoning Deaths†	<5	\$	<5	\$	7	8.1	11	12.4	<5	\$
Overdose/Poisoning Hospitalizations†	38	45.3	52	60.9	55	63.6	31	35.0	46	50.5
Overdose/Poisoning ED Discharges†										
Deaths due to Motor Vehicle (MV) Injury†	9	10.7	5	5.9	5	5.8	6	6.8	7	7.7
Hospitalizations due to MV Injury†	79	94.3	75	87.8	58	67.0	79	89.2	75	82.3
ED Discharges due to MV Injury†										
Motor Vehicle Crash Injuries†	516	615.7	556	650.9	593	685.2	601	678.8	551	604.7
Alcohol-involved MVC Injuries†	84	100.2	119	139.3	92	106.3	114	128.8	83	91.1
Drinking Drivers Involved in MV Crashes†	59	70.4	68	79.6	58	67.0	68	76.8	59	64.7
Active Restraint Use, % of MVO Injured, Ages 6+ †	346	81.8%	394	84.9%	402	81.5%	362	74.8%	376	81.6%
Child Restraint Use, % of MVO Injured, Ages 0-5 †	<5	\$	<5	\$	<5	\$	7	100.0%	<5	\$
Pedestrian Deaths due to MVC†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Pedestrian Hospitalizations due to MVC†	7	8.4	<5	\$	6	6.9	10	11.3	6	6.6
Pedestrian ED Discharges due to MVC†										
Pedestrian Injuries due to MVC†	17	20.3	13	15.2	16	18.5	23	26.0	16	17.6
Homicide†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Assault Hospitalizations†	13	15.5	14	16.4	21	24.3	25	28.2	26	28.5
Assault Injury ED Discharges†										
Suicide†	7	8.4	6	7.0	10	11.6	6	6.8	8	8.8
Self-Inflicted Hospitalizations†	28	33.4	39	45.7	42	48.5	24	27.1	27	29.6
Self-Inflicted Injury ED Discharges†										
Firearm-related Deaths†	5	6.0	<5	\$	6	6.9	<5	\$	6	6.6
Firearm-related Hospitalizations†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Firearm-related ED Discharges†										
Dental-related ED Discharges†										

* Rates per 100,000 population, unless otherwise noted. See Data Guide: Glossary for specific information or Important Information for Data Users for general information on rates.

† For disease definitions see Glossary in Data Guide.

\$ Rates and percents not calculated for fewer than 5 events.

† Underestimate due to cases with unknown residence. There are approximately 30% of cases, 2500 chlamydia and 600 gonorrhea cases per year, missing residence data.

Source: CoSD, HHSA; SANDAG, Current Population Estimates, 10/2010. See Data Sources in Data Guide for specific information.

Prepared by: County of San Diego (CoSD), Health & Human Services Agency (HHSA), Community Health Statistics, 12/8/2011.

North Coastal Region Subregional Areas (2000-2009)

SRA: San Dieguito

Indicator	2005		2006		2007		2008		2009	
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*
Coronary Heart Disease Deaths†	106	114.7	69	73.3	102	105.7	80	81.8	92	95.1
Coronary Heart Disease Hospitalizations†	333	360.4	316	335.7	305	316.2	234	239.1	264	272.8
Coronary Heart Disease ED Discharges†			31	32.9	24	24.9	17	17.4	25	25.8
Stroke Deaths†	24	26.0	26	27.6	45	46.7	46	47.0	35	36.2
Stroke Hospitalizations†	150	162.3	163	173.2	156	161.7	152	155.3	182	188.0
Stroke ED Discharges†			56	59.5	47	48.7	37	37.8	39	40.3
Diabetes Deaths†	19	20.6	14	14.9	11	11.4	12	12.3	12	12.4
Diabetes Hospitalizations†	48	51.9	48	51.0	60	62.2	52	53.1	46	47.5
Diabetes ED Discharges†			43	45.7	63	65.3	53	54.2	56	57.9
Asthma Deaths†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Asthma Hospitalizations†	25	27.1	20	21.2	30	31.1	21	21.5	34	35.1
Asthma ED Discharges†			114	121.1	120	124.4	106	108.3	109	112.6
Chronic Obstructive Pulmonary Disease (COPD) Deaths†	26	28.1	24	25.5	23	23.8	26	26.6	17	17.6
COPD Hospitalizations†	44	47.6	37	39.3	37	38.4	51	52.1	56	57.9
COPD ED Discharges†			76	80.7	102	105.7	139	142.1	135	139.5
All Cancer Deaths†	124	134.2	127	134.9	136	141.0	132	134.9	132	136.4
Prostate Cancer Deaths (among males)†	10	22.0	8	17.3	12	25.3	11	22.8	<5	\$
Cervical Cancer Deaths (among females)†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Female Breast Cancer Deaths (among females)†	12	25.6	11	23.0	14	28.6	12	24.2	12	24.5
Colorectal Cancer Deaths†	10	10.8	12	12.7	7	7.3	11	11.2	12	12.4
Lung Cancer Deaths†	35	37.9	18	19.1	31	32.1	23	23.5	27	27.9
Arthritis Hospitalizations†	286	309.5	275	292.2	312	323.5	301	307.6	334	345.1
Arthritis ED Discharges†			282	299.6	244	253.0	221	225.9	223	230.4
Dorsopathies Hospitalizations†	182	197.0	151	160.4	205	212.5	167	170.7	186	192.2
Dorsopathies ED Discharges†			321	341.0	308	319.3	275	281.0	269	277.9
Tuberculosis Incidence†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Chronic Hepatitis C Reported†	59	63.9	57	60.6	53	54.9	57	58.3	44	45.5
Chlamydia Reported, Underestimate††	100	108.2	83	88.2	114	118.2	132	134.9	134	138.4
Gonorrhea Reported, Underestimate††	20	21.6	10	10.6	19	19.7	9	9.2	8	8.3
Primary and Secondary Syphilis Reported†	<5	\$	<5	\$	<5	\$	7	7.2	<5	\$
Live Births†, % of Region's births	836	11.3%	860	11.1%	853	10.9%	882	11.6%	839	11.5%
Live Births to Girls, Ages 15-17†, % of SRA's births	7	0.8%	<5	\$	6	0.7%	9	1.0%	5	0.6%
Live Births with Early Prenatal Care†, % of Known Prenatal Care	751	90.8%	774	91.1%	739	87.2%	776	88.3%	744	88.8%
Live Births born Preterm†, % of SRA's births	69	8.5%	90	10.7%	83	9.9%	94	10.8%	82	10.0%
Low Birth Weight Births†, % of SRA's births	55	6.6%	53	6.2%	60	7.0%	60	6.8%	56	6.7%
Very Low Birth Weight Births†, % of SRA's births	10	1.2%	7	0.8%	<5	\$	10	1.1%	8	1.0%
Fetal Mortality†, Rate per 1,000 live births & fetal deaths	7	8.3	<5	\$	<5	\$	<5	\$	<5	\$
Infant Mortality†, Rate per 1,000 live births	<5	\$	<5	\$	5	5.9	<5	\$	5	6.0
Unintentional Injury Deaths†	20	21.6	26	27.6	33	34.2	27	27.6	20	20.7
Unintentional Injury Hospitalizations†	561	607.1	565	600.2	503	521.5	533	544.7	499	515.6
Unintentional Injury ED Discharges†			4,077	4,331.3	4,082	4,231.8	4,003	4,090.9	3,821	3,947.8
Fall-related Deaths†	6	6.5	<5	\$	15	15.6	8	8.2	6	6.2
Fall-related Hospitalizations†	311	336.6	308	327.2	276	286.1	295	301.5	278	287.2
Fall-related ED Discharges†			1,397	1,484.1	1,395	1,446.2	1,420	1,451.2	1,468	1,516.7
Overdose/Poisoning Deaths†	<5	\$	10	10.6	6	6.2	14	14.3	7	7.2
Overdose/Poisoning Hospitalizations†	36	39.0	45	47.8	37	38.4	45	46.0	34	35.1
Overdose/Poisoning ED Discharges†			105	111.6	66	68.4	105	107.3	106	109.5
Deaths due to Motor Vehicle (MV) Injury†	5	5.4	8	8.5	10	10.4	<5	\$	5	5.2
Hospitalizations due to MV Injury†	57	61.7	61	64.8	44	45.6	45	46.0	48	49.6
ED Discharges due to MV Injury†			333	353.8	360	373.2	306	312.7	276	285.2
Motor Vehicle Crash Injuries†	550	595.2	502	533.3	516	534.9	413	422.1	465	480.4
Alcohol-involved MVC Injuries†	112	121.2	73	77.6	73	75.7	56	57.2	83	85.8
Drinking Drivers Involved in MV Crashes†	69	74.7	48	51.0	60	62.2	46	47.0	48	49.6
Active Restraint Use, % of MVO Injured, Ages 6+ †	361	78.6%	329	83.7%	284	92.5%	294	93.3%	338	93.1%
Child Restraint Use, % of MVO Injured, Ages 0-5 †	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Pedestrian Deaths due to MVC†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Pedestrian Hospitalizations due to MVC†	<5	\$	<5	\$	<5	\$	<5	\$	7	7.2
Pedestrian ED Discharges due to MVC†			16	17.0	20	20.7	17	17.4	16	16.5
Pedestrian Injuries due to MVC†	14	15.2	19	20.2	17	17.6	13	13.3	23	23.8
Homicide†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Assault Hospitalizations†	18	19.5	30	31.9	17	17.6	11	11.2	14	14.5
Assault Injury ED Discharges†			136	144.5	133	137.9	99	101.2	116	119.8
Suicide†	5	5.4	9	9.6	9	9.3	11	11.2	5	5.2
Self-Inflicted Hospitalizations†	29	31.4	23	24.4	16	16.6	30	30.7	22	22.7
Self-Inflicted Injury ED Discharges†			49	52.1	40	41.5	59	60.3	53	54.8
Firearm-related Deaths†	<5	\$	5	5.3	5	5.2	7	7.2	<5	\$
Firearm-related Hospitalizations†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Firearm-related ED Discharges†			<5	\$	5	5.2	<5	\$	<5	\$
Dental-related ED Discharges†			41	43.6	53	54.9	60	61.3	64	66.1

* Rates per 100,000 population, unless otherwise noted. See Data Guide: Glossary for specific information or Important Information for Data Users for general information on rates.

† For disease definitions see Glossary in Data Guide.

\$ Rates and percents not calculated for fewer than 5 events.

† Underestimate due to cases with unknown residence. There are approximately 30% cases, 2500 chlamydia and 600 gonorrhea cases per year, missing residence data.

Source: CoSD, HHSA, SANDAG, Current Population Estimates, 10/2010. See Data Sources in Data Guide for specific information.

Prepared by: County of San Diego (CoSD), Health & Human Services Agency (HHSA), Community Health Statistics, 12/8/2011.

North Coastal Region Subregional Areas (2000-2009)

SRA: Vista

Indicator	2000		2001		2002		2003		2004	
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*
Coronary Heart Disease Deaths†	192	200.5	162	166.6	164	166.7	171	172.3	148	147.4
Coronary Heart Disease Hospitalizations†	477	498.2	393	404.2	379	385.4	388	390.8	288	286.9
Coronary Heart Disease ED Discharges†										
Stroke Deaths†	50	52.2	52	53.5	58	59.0	51	51.4	68	67.7
Stroke Hospitalizations†	262	273.7	228	234.5	243	247.1	245	246.8	223	222.2
Stroke ED Discharges†										
Diabetes Deaths†	16	16.7	14	14.4	22	22.4	22	22.2	16	15.9
Diabetes Hospitalizations†	93	97.1	90	92.6	90	91.5	98	98.7	91	90.7
Diabetes ED Discharges†										
Asthma Deaths†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Asthma Hospitalizations†	64	66.8	73	75.1	75	76.3	62	62.5	56	55.8
Asthma ED Discharges†										
Chronic Obstructive Pulmonary Disease (COPD) Deaths†	50	52.2	58	59.6	44	44.7	59	59.4	33	32.9
COPD Hospitalizations†	101	105.5	125	128.5	94	95.6	110	110.8	90	89.7
COPD ED Discharges†										
All Cancer Deaths†	168	175.5	161	165.6	162	164.7	135	136.0	151	150.4
Prostate Cancer Deaths (among males)†	11	22.8	10	20.5	16	32.5	10	20.2	11	22.0
Cervical Cancer Deaths (among females)†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Female Breast Cancer Deaths (among females)†	11	23.1	14	28.9	15	30.5	7	14.1	13	25.8
Colorectal Cancer Deaths†	15	15.7	16	16.5	19	19.3	15	15.1	14	13.9
Lung Cancer Deaths†	43	44.9	49	50.4	28	28.5	37	37.3	37	36.9
Arthritis Hospitalizations†	242	252.8	237	243.7	259	263.3	265	266.9	238	237.1
Arthritis ED Discharges†										
Dorsopathies Hospitalizations†	156	162.9	170	174.8	175	177.9	164	165.2	167	166.4
Dorsopathies ED Discharges†										
Tuberculosis Incidence†	7	7.3	10	10.3	9	9.2	10	10.1	10	10.0
Chronic Hepatitis C Reported†	91	95.0	77	79.2	81	82.4	59	59.4	66	65.7
Chlamydia Reported, Underestimate††	232	242.3	264	271.5	321	326.4	299	301.2	260	259.0
Gonorrhea Reported, Underestimate††	27	28.2	24	24.7	24	24.4	23	23.2	20	19.9
Primary and Secondary Syphilis Reported†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Live Births†, % of Region's births	1,986	26.5%	1,923	26.2%	1,921	25.8%	1,965	26.0%	2,003	26.3%
Live Births to Girls, Ages 15-17†, % of SRA's births	64	3.2%	85	4.4%	70	3.6%	75	3.8%	66	3.3%
Live Births with Early Prenatal Care†, % of Known Prenatal Care	1,504	79.6%	1,519	82.1%	1,593	84.8%	1,606	83.7%	1,578	80.8%
Live Births born Preterm†, % of SRA's births	192	10.5%	178	10.1%	211	11.9%	181	9.8%	194	10.4%
Low Birth Weight Births†, % of SRA's births	120	6.0%	106	5.5%	131	6.8%	105	5.3%	115	5.7%
Very Low Birth Weight Births†, % of SRA's births	22	1.1%	24	1.2%	22	1.1%	23	1.2%	29	1.4%
Fetal Mortality†, Rate per 1,000 live births & fetal deaths	13	6.5	14	7.2	8	4.1	15	7.6	12	6.0
Infant Mortality†, Rate per 1,000 live births	12	6.0	14	7.3	9	4.7	10	5.1	13	6.5
Unintentional Injury Deaths†	25	26.1	40	41.1	36	36.6	29	29.2	37	36.9
Unintentional Injury Hospitalizations†	591	617.3	562	578.0	631	641.6	625	629.6	606	603.7
Unintentional Injury ED Discharges†										
Fall-related Deaths†	6	6.3	<5	\$	<5	\$	8	8.1	5	5.0
Fall-related Hospitalizations†	311	324.8	258	265.3	274	278.6	277	279.0	302	300.9
Fall-related ED Discharges†										
Overdose/Poisoning Deaths†	9	9.4	16	16.5	9	9.2	12	12.1	16	15.9
Overdose/Poisoning Hospitalizations†	93	97.1	62	63.8	60	61.0	64	64.5	62	61.8
Overdose/Poisoning ED Discharges†										
Deaths due to Motor Vehicle (MV) Injury†	6	6.3	20	20.6	13	13.2	9	9.1	16	15.9
Hospitalizations due to MV Injury†	84	87.7	103	105.9	120	122.0	111	111.8	108	107.6
ED Discharges due to MV Injury†										
Motor Vehicle Crash Injuries†	616	643.4	634	652.0	684	695.5	674	678.9	662	659.5
Alcohol-involved MVC Injuries†	60	62.7	93	95.6	87	88.5	90	90.7	120	119.5
Drinking Drivers Involved in MV Crashes†	43	44.9	58	59.6	51	51.9	57	57.4	70	69.7
Active Restraint Use, % of MVO Injured, Ages 6+ †	382	87.6%	362	83.0%	395	81.4%	391	76.4%	430	83.7%
Child Restraint Use, % of MVO Injured, Ages 0-5 †	5	55.6%	5	50.0%	10	76.9%	<5	\$	8	72.7%
Pedestrian Deaths due to MVC†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Pedestrian Hospitalizations due to MVC†	18	18.8	15	15.4	14	14.2	17	17.1	10	10.0
Pedestrian ED Discharges due to MVC†										
Pedestrian Injuries due to MVC†	39	40.7	32	32.9	38	38.6	27	27.2	40	39.8
Homicide†	<5	\$	<5	\$	6	6.1	<5	\$	<5	\$
Assault Hospitalizations†	23	24.0	34	35.0	44	44.7	39	39.3	44	43.8
Assault Injury ED Discharges†										
Suicide†	18	18.8	10	10.3	8	8.1	14	14.1	11	11.0
Self-Inflicted Hospitalizations†	71	74.2	54	55.5	59	60.0	55	55.4	61	60.8
Self-Inflicted Injury ED Discharges†										
Firearm-related Deaths†	10	10.4	8	8.2	<5	\$	8	8.1	9	9.0
Firearm-related Hospitalizations†	5	5.2	8	8.2	10	10.2	7	7.1	5	5.0
Firearm-related ED Discharges†										
Dental-related ED Discharges†										

* Rates per 100,000 population, unless otherwise noted. See Data Guide: Glossary for specific information or Important Information for Data Users for general information on rates.

† For disease definitions see Glossary in Data Guide.

\$ Rates and percents not calculated for fewer than 5 events.

† Underestimate due to cases with unknown residence. There are approximately 30% of cases, 2500 chlamydia and 600 gonorrhea cases per year, missing residence data.

Source: CoSD, HHSA; SANDAG, Current Population Estimates, 10/2010. See Data Sources in Data Guide for specific information.

Prepared by: County of San Diego (CoSD), Health & Human Services Agency (HHSA), Community Health Statistics, 12/8/2011.

North Coastal Region Subregional Areas (2000-2009)

SRA: Vista

Indicator	2005		2006		2007		2008		2009	
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*
Coronary Heart Disease Deaths†	141	140.7	118	116.9	137	134.8	165	161.1	137	132.7
Coronary Heart Disease Hospitalizations†	329	328.2	282	279.3	300	295.2	263	256.8	279	270.2
Coronary Heart Disease ED Discharges†			32	31.7	30	29.5	22	21.5	30	29.1
Stroke Deaths†	53	52.9	40	39.6	35	34.4	41	40.0	31	30.0
Stroke Hospitalizations†	201	200.5	213	211.0	174	171.2	234	228.5	221	214.0
Stroke ED Discharges†			74	73.3	77	75.8	39	38.1	58	56.2
Diabetes Deaths†	21	20.9	15	14.9	15	14.8	13	12.7	15	14.5
Diabetes Hospitalizations†	106	105.7	130	128.8	119	117.1	124	121.1	145	140.4
Diabetes ED Discharges†			142	140.6	166	163.3	141	137.7	176	170.5
Asthma Deaths†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Asthma Hospitalizations†	48	47.9	55	54.5	69	67.9	58	56.6	87	84.3
Asthma ED Discharges†			269	266.4	267	262.7	262	255.8	290	280.9
Chronic Obstructive Pulmonary Disease (COPD) Deaths†	53	52.9	39	38.6	48	47.2	40	39.1	39	37.8
COPD Hospitalizations†	87	86.8	100	99.0	92	90.5	103	100.6	108	104.6
COPD ED Discharges†			116	114.9	181	178.1	343	334.9	361	349.6
All Cancer Deaths†	181	180.6	147	145.6	166	163.3	149	145.5	165	159.8
Prostate Cancer Deaths (among males)†	8	16.0	5	9.9	8	15.8	9	17.6	10	19.4
Cervical Cancer Deaths (among females)†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Female Breast Cancer Deaths (among females)†	9	17.9	9	17.8	11	21.6	5	9.8	20	38.8
Colorectal Cancer Deaths†	22	21.9	28	27.7	18	17.7	16	15.6	13	12.6
Lung Cancer Deaths†	37	36.9	26	25.8	39	38.4	28	27.3	44	42.6
Arthritis Hospitalizations†	225	224.4	307	304.1	282	277.5	280	273.4	302	292.5
Arthritis ED Discharges†			288	285.3	318	312.9	340	332.0	312	302.2
Dorsopathies Hospitalizations†	152	151.6	169	167.4	154	151.5	151	147.4	150	145.3
Dorsopathies ED Discharges†			427	422.9	499	491.0	534	521.4	582	563.7
Tuberculosis Incidence†	10	10.0	<5	\$	6	5.9	<5	\$	5	4.8
Chronic Hepatitis C Reported†	84	83.8	106	105.0	155	152.5	144	140.6	105	101.7
Chlamydia Reported, Underestimate††	327	326.2	321	317.9	312	307.0	346	337.8	367	355.4
Gonorrhea Reported, Underestimate††	38	37.9	43	42.6	36	35.4	20	19.5	38	36.8
Primary and Secondary Syphilis Reported†	<5	\$	<5	\$	6	5.9	5	4.9	<5	\$
Live Births†, % of Region's births	1,917	25.9%	1,952	25.1%	2,056	26.2%	1,993	26.2%	1,869	25.5%
Live Births to Girls, Ages 15-17†, % of SRA's births	74	3.9%	62	3.2%	78	3.8%	67	3.4%	68	3.6%
Live Births with Early Prenatal Care†, % of Known Prenatal Care	1,533	82.2%	1,500	78.0%	1,501	73.3%	1,487	74.9%	1,426	76.3%
Live Births born Preterm†, % of SRA's births	208	11.4%	203	10.8%	173	8.5%	163	8.3%	135	7.3%
Low Birth Weight Births†, % of SRA's births	107	5.6%	122	6.3%	128	6.2%	140	7.0%	107	5.7%
Very Low Birth Weight Births†, % of SRA's births	32	1.7%	23	1.2%	12	0.6%	35	1.8%	20	1.1%
Fetal Mortality†, Rate per 1,000 live births & fetal deaths	11	5.7	10	5.1	6	2.9	10	5.0	8	4.3
Infant Mortality†, Rate per 1,000 live births	16	8.3	7	3.6	12	5.8	7	3.5	7	3.7
Unintentional Injury Deaths†	35	34.9	25	24.8	39	38.4	33	32.2	33	32.0
Unintentional Injury Hospitalizations†	660	658.4	696	689.4	612	602.2	649	633.6	637	616.9
Unintentional Injury ED Discharges†			5,127	5,078.0	4,888	4,809.9	4,908	4,791.8	5,075	4,915.2
Fall-related Deaths†	10	10.0	7	6.9	9	8.9	7	6.8	<5	\$
Fall-related Hospitalizations†	322	321.2	319	316.0	285	280.4	315	307.5	304	294.4
Fall-related ED Discharges†			1,478	1,463.9	1,542	1,517.4	1,660	1,620.7	1,839	1,781.1
Overdose/Poisoning Deaths†	14	14.0	9	8.9	14	13.8	17	16.6	14	13.6
Overdose/Poisoning Hospitalizations†	66	65.8	74	73.3	76	74.8	85	83.0	81	78.4
Overdose/Poisoning ED Discharges†			208	206.0	176	173.2	154	150.4	176	170.5
Deaths due to Motor Vehicle (MV) Injury†	11	11.0	7	6.9	15	14.8	11	10.7	11	10.7
Hospitalizations due to MV Injury†	117	116.7	114	112.9	104	102.3	95	92.8	93	90.1
ED Discharges due to MV Injury†			630	624.0	554	545.1	518	505.7	511	494.9
Motor Vehicle Crash Injuries†	737	735.2	641	634.9	629	618.9	469	457.9	460	445.5
Alcohol-involved MVC Injuries†	103	102.7	128	126.8	110	108.2	70	68.3	72	69.7
Drinking Drivers Involved in MV Crashes†	70	69.8	80	79.2	79	77.7	62	60.5	52	50.4
Active Restraint Use, % of MVO Injured, Ages 6+ †	462	77.5%	349	85.1%	284	89.0%	305	91.3%	341	92.9%
Child Restraint Use, % of MVO Injured, Ages 0-5 †	10	71.4%	6	85.7%	5	41.7%	5	100.0%	7	63.6%
Pedestrian Deaths due to MVC†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Pedestrian Hospitalizations due to MVC†	11	11.0	9	8.9	6	5.9	10	9.8	8	7.7
Pedestrian ED Discharges due to MVC†			33	32.7	35	34.4	31	30.3	25	24.2
Pedestrian Injuries due to MVC†	35	34.9	24	23.8	29	28.5	32	31.2	23	22.3
Homicide†	<5	\$	<5	\$	<5	\$	<5	\$	<5	\$
Assault Hospitalizations†	28	27.9	30	29.7	41	40.3	29	28.3	32	31.0
Assault Injury ED Discharges†			278	275.3	265	260.8	260	253.8	303	293.5
Suicide†	11	11.0	7	6.9	11	10.8	12	11.7	15	14.5
Self-Inflicted Hospitalizations†	55	54.9	51	50.5	50	49.2	59	57.6	53	51.3
Self-Inflicted Injury ED Discharges†			57	56.5	75	73.8	85	83.0	93	90.1
Firearm-related Deaths†	9	9.0	6	5.9	6	5.9	7	6.8	5	4.8
Firearm-related Hospitalizations†	7	7.0	<5	\$	7	6.9	<5	\$	<5	\$
Firearm-related ED Discharges†			9	8.9	20	19.7	7	6.8	8	7.7
Dental-related ED Discharges†			123	121.8	121	119.1	169	165.0	164	158.8

* Rates per 100,000 population, unless otherwise noted. See Data Guide: Glossary for specific information or Important Information for Data Users for general information on rates.

† For disease definitions see Glossary in Data Guide.

\$ Rates and percents not calculated for fewer than 5 events.

†† Underestimate due to cases with unknown residence. There are approximately 30% cases, 2500 chlamydia and 600 gonorrhea cases per year, missing residence data.

Source: CoSD, HHSA, SANDAG, Current Population Estimates, 10/2010. See Data Sources in Data Guide for specific information.

Prepared by: County of San Diego (CoSD), Health & Human Services Agency (HHSA), Community Health Statistics, 12/8/2011.

DATA GUIDE

Important Information for Data Users

Please Review This Section Before Using the Following Public Health Data

For abbreviations used in data sources, see [Data Sources](#).

Diagnoses:

Disease definitions for most indicators are based on ICD-CM coding. Two versions of ICD coding are used in this document depending upon the data source, ICD-9 or ICD-10. ICD-CM based data for San Diego is comparable whether obtained using the 9th or 10th revision; codes used are listed in footnotes for appropriate tables. Healthy People 2010, USA, California data are shown if available and comparable to local data.

The death data used in this document only include underlying cause of death. That means that deaths are categorized only by the disease or injury that initiated the chain of events leading to death and not by the immediate cause or any other contributing causes. For example, a diabetic who died of heart disease resulting from complications of diabetes would only be included among diabetes-related deaths. Similarly, Hospital Discharge and Emergency Department Discharge data is reported by the primary diagnosis at time of discharge for which the medical encounter occurred. In some cases, indicators are based on case definitions; meeting specified clinical and/or laboratory criteria not ICD-CM coding.

Comparing Data:

Caution must be used when exploring data from multiple sources or even the same data prepared by different analysts; comparisons may not be appropriate. Attention to accompanying information is important in order to note differences including, but not limited to: data sources, data preparation, diagnosis/case definitions, rate constant (i.e. per 100,000 or 1,000), geographic units, persons included in the data (i.e. location of occurrence vs. location of residence, or among live births not total pregnancies).

Data from different tables must not be modified (i.e. aggregated or subtracted). For example, pedestrian deaths can not be added to nonfatal pedestrian injuries to determine total injuries. In this case, one database is recorded by location of residence, while the other is by location of occurrence. If you need assistance or additional data not contained here, please contact the Community Health Statistics unit.

Geography: Understanding Geographic Units used in Health Data

Many different geographic units are used throughout San Diego County. In this document, boundaries for Regions and Subregional Areas (SRA) used here are based on census tracts and approximate Health and Human Service Agency Region (HHSA

Region) boundaries which are based on zip codes. The exception to this is California Health Interview Survey (CHIS) data, which use zip code based HHSA Regions.

Many data users have expressed the desire for community level data, beyond the HHSA Region (which are large aggregations of zip codes). Several levels of geography may be considered, such as, Subregional Area, Census Tract, Zip Code, or City. In order to provide community level health data and compare populations, it is important to have stable geographic units and units that are compatible with population data estimates.

While most health data is reported by zip code, zip codes may change at any time throughout the year – making annual aggregated estimates difficult. Additionally, since zip codes may change from one year to the next, comparing zip code data over time may introduce a level of imprecision. Subregional Areas (SRAs) are small, community level geographic units based on census tracts which are stable between census years (i.e. change only every 10 years, if at all). Population estimates are available at this level with high level of accuracy. However, health data for an SRA must be estimated based on reported zip code data.

Types of data available for Geographic Boundaries

Zip Codes:	Census Tracts:
HHSA Region	Subregional Area (SRA)
Health Services	Major Statistical Area (MSA)
	Region (approximated HHSA Region)

In this document community level (SRA) data is aggregated to larger regional levels. Currently, Region aggregations based on SRAs closely approximate, but do not directly correspond to HHSA Regions. In order to have more accurate community level data and enable reliable comparisons over time and place, SRA Region aggregations are used in lieu of HHSA Regions. Other data preparers that provide direct HHSA Region level data may differ slightly from the data presented here; however, any difference would not be expected to impact any decisions related to policy, planning, or resources for any particular area. There are 3 zip codes which are primarily affected by the differences in method of aggregation to Region or HHSA Region (see table below). A list of zip codes representing each Region is included at the beginning of the Region section within each Profile, as well as a complete listing in the County Profile.

Again, the only data in this document to which the above information *does not* apply is the CHIS (California Health Interview Survey) data in the Public Health Data Section. Data in this survey is collected by HHSA Region and can not be estimated for SRA based Regions.

Methods of Aggregating Data

HHSA		Community Profiles	
HHSA REGION	Zip Code	Subregional Area (SRA)	Region
North Coastal	92014	Del Mar-Mira Mesa	North Central
North Coastal	92091	North San Diego	North Inland
North Central	92131	Poway	North Inland

Rates, Age Adjusted Rates: Understanding Rates and Age Adjusted Rates

The public health data in the Community Profiles includes crude rates (from this point forward referred to as rates) for Regional and Subregional (SRA) level data. Additionally, age adjusted rates are provided for County level data in many cases.

For comparison, Healthy People 2010 Targets are included, along with comparable USA and California rates. Many Healthy People 2010 Targets are based on age adjusted rates; these are indicated by “age adjusted population”. When a Healthy People target listed is based on an age adjusted rate, the comparable rates for USA and California are also age adjusted.

A rate is the number of cases divided by the population, usually multiplied by a constant. For example 987 cases, divided by population of 654,321 would be a rate of 150.8 per 100,000 population. This means for every 100,000 people, 150-151 cases would be expected.

Calculations of age adjusted rates are slightly more complex. They take into account the age of each case relative to a standard age distribution of a reference population. Recently a new reference population was determined referred to as “2000 US standard population”, previously used was a reference population from 1940. The 2000 US standard population proportions more closely reflect the current age distribution of the entire US population.

Age adjusted rates represent the rates that would be expected if a population of interest had the same age distribution as the standard population. This removes the effect of age when comparing rates to identify risk in a population. This is important in many cases when comparing risk “across populations with different underlying age structures”¹.

Since many causes of mortality disproportionately affect older persons, disease mortality is often reported as age adjusted rates. This is the case with many Healthy People 2010 Targets, particularly death rates.

Age adjusted rates are used to compare relative risk (over time or between populations), while removing the effect of differences in the age of a population. Age-adjusting shows differences between groups that are not due to differences in age distribution. “Age adjusted rates should be viewed as relative indexes rather than as direct or actual measures” of risk¹.

For many users of this data the magnitude of an issue is important, not only the risk outside of age. Often planning and resource needs are based on data. In this case, knowing that a group contains an older population is valid & important for planning for those diseases which affect different aged population sectors.

Additionally, differences may be due to other reasons besides age, such as gender or race/ethnicity. One may want to consider several of these demographic factors when

examining a health issue. Each Profile contains demographic data for each Region and SRA, including: age, gender, race/ethnicity distributions, income, occupation, housing and education data. Many of these factors have been implicated at the roots of health disparities.

1: <http://wonder.cdc.gov/wonder/help/ucd.html>

Data Sources

Health and demographic data are available from a variety of sources, represented by three different categories of data. Population data, such as the census, is collected from the entire population. Sample or survey data are collected from a portion of the population, and extrapolated to represent the entire population. Administrative data are collected based on an organization's day-to-day operations, such as the prehospital database. The following data sources were used in the preparation of this report.

American Community Survey (ACS): ACS is a new nationwide survey designed to provide communities a fresh look at how they are changing. It is intended to eliminate the need for the long form in the 2010 Census. The ACS collects information from U.S. households similar to what was collected on the Census 2000 long form, such as income, commute time to work, home value, veteran status, and other important data. Information is available by county.

Emergency Department Data (ED Data): ED data is collected and maintained for most emergency hospitals in San Diego County. ED data elements include patient's home zip code, demographic information, source of payment, disposition, diagnoses and procedures performed for all patients treated and discharged from the ED.

HIV/AIDS Reporting System (HARS): HARS is used to report HIV and AIDS cases in San Diego County. HIV reporting began recently (July 2002), has not been evaluated and therefore is not available for zip code level analysis. The number of AIDS cases is available by zip code if the total is 5 or more.

Hospital Discharge Data: Discharge data is collected and maintained for most inpatient facilities in San Diego County. Discharge data elements include patient's home zip code, demographic information, source of payment, disposition, diagnoses and procedures performed for all patients admitted to the hospital for any condition.

Medical Examiner's Data: EMS receives an Investigative Summary and Autopsy for every individual who dies in San Diego County from a traumatic injury. Medical Examiner's Records contain injury related information including date and time of injury, incident location, patient home zip code, external cause of injury (ICD9 CM E code), age, sex, race/ethnicity, vehicle make and type, law enforcement agency and report number, mechanism of injury and detailed narrative of injuries sustained.

Prehospital Database: EMS receives a prehospital patient record (PPR) for every patient seen by a paramedic or emergency medical technician from 911 calls. The PPR contains information including demographics, incident zip code location, chief complaint, patient status, injury event information, restraint use, contributing factors, times and outcomes. At this time, only those calls in which paramedic or EMT made contact with a MICN at a base hospital are included in this data.

San Diego Association of Governments (SANDAG): SANDAG creates and maintains a tremendous quantity of demographic, economic, land use, transportation and criminal justice information about the San Diego region. Demographic data includes population characteristics like age, education, and employment. SANDAG develops annual demographic estimates and long range forecasts in addition to maintaining census data files. Data is available by County, SRA, zip code, and census tract.

STD Morbidity Surveillance Data: Data is available for three STDs: Chlamydia, gonorrhea and syphilis (primary and secondary). Information on age, gender, race/ethnicity are available for all 3 diseases. Data is also available at the zip code level, although this data is incomplete.

Statewide Integrated Traffic Record System (SWITRS): SWITRS is traffic collision data collected by the California Highway Patrol. Collisions with personal injury on public roads are included. Detailed information on the circumstances of the crash, drivers, passengers, and other victims are available by incident zip code.

Trauma Registry: EMS receives a Trauma Registry for every trauma patient admitted to any of the designated trauma center hospitals who meets one or more of the following criteria: length of hospitalization of 24 hours or more, death due to traumatic injuries, or transfer to or from another acute care hospital.

Vital Records Data: A birth certificate is required for every live birth in San Diego County; a death certificate is completed for every person who dies in San Diego County. Vital records data includes information on birth (e.g. weight) or death (e.g. underlying and contributing causes of death) and basic demographic information by zip code.

Additional abbreviations used in sources:

CA DPH – State of California, Department of Public Health

CDC – Centers for Disease Control and Prevention

CHIP – Community Health Improvement Partners

HASD & IC – Hospital Association of San Diego & Imperial Counties

NCHS – National Center for Health Statistics

NVSS- National Vital Statistics System

OSHPD – California Office of Statewide Health Planning and Development

GLOSSARY:

Health Indicator Terms

Glossary of Health Indicator Terms

The following are definitions of health indicator terms for population and service data used in this document, including which databases data comes from (noted in italics). For more information, see **Data Sources**.

Disease data here represent only principal diagnoses (or underlying cause of death) and do not include secondary diagnoses. Injury data using ICD10 coding (death) only uses underlying cause of death; injury data using Ecodes from Emergency Department and Hospital discharges include only primary Ecode (mechanism of injury).

The majority of the data here are reported by location of residence of the subject. Non-fatal motor vehicle injury data from SWITRS is reported by location of occurrence; while motor vehicle death data (from Death Statistical Master Files) is reported by location of residence.

Population and Service Data Definitions:

Coronary Heart Disease: ischemic and hypertensive heart disease, ICD9 codes 402, 410-414, 429.2; ICD10 codes I11, I20-I25. *Death, Hospital, Emergency Department.*

Cardiac Chief Complaint: cardiac chest pain, congestive heart failure, palpitations and STEMI (st-elevation myocardial infarction). *Prehospital (911).*

Stroke: cerebrovascular disease, ICD9 codes 430-438; ICD10 codes I60-I69. *Death, Hospital, Emergency Department.*

Stroke Chief Complaint: cardiovascular accident (cva). *Prehospital (911).*

Diabetes: Diabetes Mellitus, includes insulin-dependent and non insulin-dependent diabetes, ICD9 code 250; ICD10 codes E10-E14. *Death, Hospital, Emergency Department.*

Asthma: ICD9 code 493; ICD10 codes J45-J46. *Death, Hospital, Emergency Department.*

Chronic Obstructive Pulmonary Disease (COPD): ICD9 codes 490-492, 496; ICD10 codes J40-J44. *Death, Hospital, Emergency Department.*

Respiratory-related Chief Complaint: asthma, chronic obstructive pulmonary disease (COPD) and respiratory distress. *Prehospital (911).*

Female Breast Cancer: ICD10 code C50. *Death.*

Prostate Cancer: ICD10 code C61. *Death.*

Cervical Cancer: ICD10 code C53. *Death.*

Colorectal Cancer: cancer of the colon, rectum or anus, ICD10 codes C18-C21. *Death.*

Lung Cancer: cancer of the trachea, bronchus or lung, ICD10 codes C33-C34. *Death.*

Arthritis: ICD9 codes 95.6, 95.7, 98.5, 99.3, 136.1, 274, 277.2, 287.0, 344.6, 353.0, 354.0, 355.5, 357.1, 390, 391, 437.4, 443.0, 446, 447.6, 696.0, 710-716, 719.0, 719.2-719.9, 720-721, 725-727, 728.0- 728.3, 728.6-728.9, 729.0-729.1, 729.4. *Hospital, Emergency Department.*

Dorsopathies: ICD9 codes 720-724. *Hospital, Emergency Department.*

Tuberculosis (TB): new active cases reported to and confirmed by County Public Health Services, see [CDC clinical case definition](#). *TB Registry.*

Chronic Hepatitis C: cases reported by providers* to County Public Health Services, see [CDC clinical case definition](#). *Hepatitis Reporting.*

AIDS: new cases reported by providers* to County Public Health Services, cases need not be investigated and confirmed, see [CDC clinical case definition](#). *HIV/AIDS Reporting System.*

Chlamydia: new cases reported by providers* to County Public Health Services, cases need not be investigated and confirmed, see [CDC clinical case definition](#). For estimated Chlamydia (Regional Tables), cases with unknown residence are statistically distributed to Regions to better estimate Regional needs. SRA Tables do not include a substantial number of cases reported in San Diego County, due to cases with unknown residence. Approximately 30%, or 2500 Chlamydia cases per year, are missing residence data. Chlamydia numbers are underestimated at the SRA level. *STD Reporting.*

Gonorrhea: new cases reported by providers* to County Public Health Services, cases need not be investigated and confirmed, see [CDC clinical case definition](#). For estimated Gonorrhea, cases with unknown residence are statistically distributed to Regions to better estimate Regional needs. SRA Tables do not include a substantial number of cases reported in San Diego County, due to cases with unknown residence. Approximately 30%, or 600 gonorrhea cases per year, are missing residence data. Gonorrhea numbers are underestimated at the SRA level. *STD Reporting.*

Primary and Secondary Syphilis: new cases reported to and confirmed by County Public Health Services, see [CDC clinical case definition](#). *STD Reporting.*

Live Birth: a product of conception, which after complete expulsion or extraction from the mother, breathes or shows any other evidence of life. This is not synonymous with the term “pregnancy”, which can result in a miscarriage, fetal death, induced abortion or live birth. *MCFHS.*

Early Prenatal Care: Care beginning during the 1st trimester of pregnancy.

Rates (%) are calculated amongst those births whose start of prenatal care is known (i.e. those whose start of care is unknown or missing are excluded from the denominator). *MCFHS.*

Preterm birth: birth prior to 37 completed weeks of gestation. *MCFHS.*

Low birth weight: birth weight less than 2,500 g (approximately 5lbs, 8oz). *MCFHS.*

Very low birth weight: birth weight less than 1,500 g (approximately 3lbs, 5oz). *MCFHS.*

Fetal mortality: number of deaths of fetuses more than 20 weeks gestation per 1,000 live births and fetal deaths. *MCFHS.*

Infant mortality: number of deaths of infants under one year of age per 1,000 live births. *MCFHS.*

Unintentional Injury: ICD9 Ecodes E800-E869, E880-E929; ICD10 codes V01-X59, Y85-Y86. This generalized unintentional injury may overlap with specific indicators below, such as drowning, smoke/fire, suffocation, falls, motor vehicle or pedestrian deaths, as well as the unintentional portion of overdose/poisoning and firearm injuries. *Death, Hospital, Emergency Department.*

Drowning: Accidental drowning and submersion, including those caused by accident to watercraft or related to water-transport, ICD10 codes W65-W74, V90, V92. *Death.*

Accidental exposure to smoke, fire or flame: ICD10 codes X00-X09. *Death.*

Unintentional suffocation: ICD10 codes W75-W84. *Death.*

Fall-related: accidental falls, ICD9 Ecodes E800-E886, E888; ICD10 codes W00-W19. *Death, Hospital, Emergency Department.*

Overdose/Poisoning: all intents, ICD-9 Ecodes E850-E869, E950-E952, E962; ICD10 codes X40-X49, X60-X69, X85-X90, Y10-Y19, Y35.2, Y40-59, Y60-69, U01.6-U01.7. *Death, Hospital, Emergency Department.*

Motor Vehicle Injury: unintentional injury of anyone involved in a motor vehicle accident (collision or non-collision) on a public road, including occupants, pedestrians, and cyclists, ICD9 codes E810-819; ICD10 codes V30-V39 (.4-.9), V40-V49 (.4-.9), V50-V59 (.4-.9), V60-V69 (.4-.9), V70-V79 (.4-.9), V81.1, V82.1, V83-V86 (.0-.3), V20-V28 (.3-.9), V29 (.4-.9), V12-V14 (.3-.9), V19 (.4-.6), V02-V04 (.1, .9), V09.2, V80 (.3-.5), V87 (.0-.8), V89.2. *Death, Hospital.*

Total Motor Vehicle Accident Injuries: those injured in motor vehicle accidents occurring on public roads; injured may be cyclists, pedestrians or occupants of motor vehicles (such as cars, trucks, or buses). Data here is based on injuries involving a motor

vehicle in transport (in motion or readiness for motion) and is not defined by ICD codes of collision or non-collision. Data is by location of occurrence. *SWITRS*.

Alcohol-related: those injured in motor vehicle accidents occurring on public roads where alcohol was involved. The drinking driver need not be injured and need not be declared at fault, nor tested for being under the influence of alcohol. Data is by location of occurrence. *SWITRS*.

Drinking Drivers: drivers noted as drinking, involved in motor vehicle accidents occurring on public roads with injury to any party. The drinking drivers need not be injured and need not be determined to be at fault nor impaired. Data is by location of occurrence. *SWITRS*.

Active Restraint Use: those injured in motor vehicle accidents occurring on public roads where active restraints were used. Rates are calculated amongst those whose status of restraint use/non use was known. Data applies to those ages 6 years and older. Data is by location of occurrence. *SWITRS*.

Child Restraint Use: those injured in motor vehicle accidents occurring on public roads where child restraints were used. Rates are calculated amongst those whose status of restraint use/non use was known. Data applies to those ages 0-5 years. Data is by location of occurrence. *SWITRS*.

Pedestrian injury attributed to Motor Vehicle Accidents: unintentional injury of pedestrians involved in motor vehicle accidents on a public road, ICD9 codes E810-819(.7); ICD10 codes V02-V04 (.1, .9), V09.2. *Death, Hospital*.

Homicide: deaths that are intentionally inflicted by another, ICD10 codes U01-U02, X85-Y09, Y87.1. *Death*.

Assault injury: injuries that are intentionally inflicted by another, ICD9 codes E960-E969. *Hospital, Emergency Department*.

Suicide: deaths that are intentionally inflicted by self, ICD10 codes U03, X60-X84, Y87.0. *Death*.

Self-inflicted injury: injuries that are intentionally inflicted by self, ICD9 codes E950-E959. *Hospital, Emergency Department*.

Firearm-related: all intents, ICD9 Ecodes E922, E955.0-E955.4, E965.0-E965.4, E970, E985.0-E985.4; ICD10 codes W32-W34, X72-X74, U01.4, X93-X95, Y22-Y24, Y35.0. *Death, Hospital, Emergency Department*.

Dental-related: injury as well as non-injury medical/dental primary diagnoses, ICD9 codes 521-523, 525.3, 525.9, 873.63, 873.73. *Emergency Department*.

* Providers may refer to health care providers (e.g. physicians, nurses, or hospital administrators), laboratories, or school administrators who are legally mandated to report diseases indicated in CCR, Title 17, sections 2500, 2508, and 2505.

***For more information, contact the
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